

MWD
Metropolitan Water District of Southern California

JAN 10 1995


EXECUTIVE SECRETARY

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December 27, 1994

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

From: General Manager

Subject: Authorization to Revise Appropriation No. 560 (Revision 15) to Increase Funding from \$593,388,000 to \$615,719,000 to Finance Costs for Construction of the Newport Road Relocation Feature of the Domenigoni Valley Reservoir Project.

RECOMMENDATION

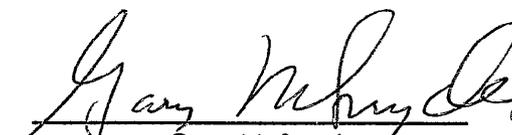
It is recommended that your Board authorize an increase of \$22,331,000 in Appropriation No. 560 from the 1992 Revenue Bond Construction Fund, to a total of \$615,719,000 to finance all remaining costs for the Newport Road Relocation.

It is also recommended that a construction contract in the amount of \$19,245,525.88 be awarded to E.L. Yeager Construction Company for the Newport Road Relocation 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
Chief Engineer

Concur:


John R. Wodraska
General Manager

BRIEF DESCRIPTION

Bids have been received under Specifications No. 1272 , as amended, for the Newport Road Relocation. Ten (10) bids were received and opened. These bids are shown on the attached abstract of bids (see Attachment B). The low bid from E.L. Yeager Construction Company, in the amount of \$19,245,525.88 complies with requirements of the specifications, is \$35,936.32 below the next lowest bid, and is \$4,354,474.12 below the Engineers Estimate.

Reimbursable funds from the County of Riverside (County) in the amount of \$755,321, and cash contributions from the City of Hemet (City) in the amount of \$2,259,000 will be contributed toward construction pursuant to the Memorandum of Understanding for the East Newport Road/Salt Creek Channel Improvement approved by your Board in September 1993. Reimbursable funds are currently available in Appropriation No. 102.

A \$22,331,000 increase in Appropriation No. 560, excluding reimbursable funds under Appropriation No. 102 and cash contributions from the City, is required to finance all remaining costs of the Newport Road Relocation. The total estimated Metropolitan cost of the relocation is \$28,992,993.

<u>CONTRACT TYPE</u>	<u>FUNDING</u>	<u>TYPE OF COMPETITION</u>
<input checked="" type="checkbox"/> NEW <input type="checkbox"/> Amended	<input checked="" type="checkbox"/> CAPITAL - APPROPRIATION INCREASE <input type="checkbox"/> O & M	<input checked="" type="checkbox"/> COMPETITIVE BIDDING Specifications No. 1272
<u>CONTRACT FORM</u> <input type="checkbox"/> LEASE <input type="checkbox"/> PROFESSIONAL SERVICES <input checked="" type="checkbox"/> CONSTRUCTION	<u>BUDGET STATUS</u> <input checked="" type="checkbox"/> FY 94/95 AMT \$169,231,120 <input type="checkbox"/> OUT-YEAR AMT _____ <input type="checkbox"/> NON-BUDGET AMT _____	<input type="checkbox"/> NEGOTIATED CONTRACT

PURPOSE/BACKGROUND

The existing Newport Road is aligned along the floor of the Domenigoni and Diamond Valleys and thus through the footprints of the east and west dams of the proposed reservoir. With construction of the reservoir, the road must be relocated to provide access from State Street to Winchester Road in accordance with the Circulation Element of Riverside County's General Plan. When construction of the Newport Road Relocation is completed in 1996, existing Newport Road can be closed to public access to enable the construction of the dams to proceed.

The Newport Road Relocation is approximately seven miles long and includes four lanes of roadway paving, grading and drainage facilities, bridges over the San Diego Canal and over the Salt Creek Channel at Warren Road and Sanderson Avenue, a pedestrian/equestrian underpass at Lyon Avenue, and improvements to the Salt Creek Flood Control Channel. Also included in the relocation project are drainage and roadway improvements to the Alamar Mesa community, as well as demolition of a portion of the San Diego Pipelines 1 & 2 affected by the roadway relocation and previously replaced under separate contract.

(Cont.)

The specifications, consistent with provisions of the Memorandum of Understanding, provides for two alternative bids. Alternative 1 combines the Alternative 2 base bid and optional bid as a single bid package. The Alternative 2 base bid, funded by Metropolitan and the City, includes a seven mile long two-lane roadway, two additional lanes within the City, and the Salt Creek Channel improvement. The Alternative 2 optional bid, consisting of two additional lanes within the County and related San Diego Canal bridge improvements, is funded by County reimbursement and by surplus funds from the two additional lanes within the City. Had County reimbursable funds not been available, only the Alternative 2 base bid would have been considered for award. However, County funding is now available and award of the Alternative 1 single bid package is recommended.

The inclusion of Salt Creek Flood Control Channel and the funding of the two additional lanes of roadway by other public agencies affords Metropolitan the opportunity to cooperate in a joint effort with the City of Hemet and the County of Riverside which will benefit the community.

It is anticipated that the Riverside County Transportation Department will provide construction surveys and a portion of the inspection need for the roadway relocation. It is also expected that the Riverside County Flood Control and Water Conservation District will provide inspection support for construction of the Salt Creek Channel. These services will facilitate the approval and acceptance of these facilities into the respective County Transportation and Flood Control systems. Authority to enter into agreements for these services will be requested under separate Board action.

ACTIONS & MILESTONE

Final design was completed in October 1994. Construction is anticipated to begin in March 1995 and to be completed in March 1996.

MBE/WBE

The specifications, as amended, established certified Minority-Owned Business Enterprise (MBE) and Women-Owned Business Enterprise (WBE) participation goals of 18 percent MBE and 6 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. E.L. Yeager, achieved 20.3 percent certified MBE participation and 7.0 percent certified WBE participation. The MBE and WBE subcontractors are listed in Attachment C.

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 (FEIR) for the Domenigoni Valley Reservoir Project. In April 1993 your Board certified an Addendum to the FEIR, conforming the relocated Newport Road alignment to the revised Circulation Element of the Hemet General Plan. These actions satisfy the provisions of CEQA, and no further environmental documentation or reviews are necessary for your Board to take action on this recommendation.

<p><u>NUMBER OF BIDDERS</u></p> <p><input checked="" type="checkbox"/> NUMBER OF CONTRACTORS THAT REQUESTED PLANS: <u>97</u></p> <p><input checked="" type="checkbox"/> SUBMITTED BIDS <u>10</u></p>	<p><u>EVALUATION CRITERIA:</u> <u>LOW BID THAT MEETS THE REQUIREMENTS OF THE SPECIFICATIONS. BIDDERS QUALIFICATIONS AND MBE/WBE PARTICIPATION ARE ALSO CONSIDERED.</u></p> <p><u>CONTRACTUAL DETAILS</u></p> <p><input checked="" type="checkbox"/> ANTICIPATED DURATION <u>250 WORKING DAYS</u></p> <p><input type="checkbox"/> HOURLY RATES _____</p> <p><input checked="" type="checkbox"/> PREVAILING WAGE RATES WILL APPLY</p>
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FISCAL STATEMENT
Domenigoni Valley Reservoir and Related Facilities
(Program No.5-5600-11)

Project Summary:

Total Project

	<u>Current Budget</u>	<u>Total Appropriation</u>
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	104,736,995
Recreation	33,000,000	0
Contingency	136,033,000	8,851,005
TOTAL	\$ 1,972,100,000	\$ 615,719,000

* 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 \$61 million.

The total cost breakdowns for Revision Nos. 14 and 15 to Appropriation No, 560 are shown below:

	<u>REVISIONS NO. 14</u>	<u>REVISION NO. 15</u>
Construction Specification No. 1272		19,245,526
Construction	78,738,286	78,738,286
Labor:		
Preliminary Engineering, Final Engineering, and Preparation of Specifications	26,878,741	26,878,741
Post Design	629,329	858,012
Contract Administration		
Inspection and Survey	4,222,291	6,400,000
Labor Subtotal	<u>31,730,361</u>	<u>34,136,753</u>
Materials and Supplies	1,260,500	1,337,595
Right of Way Acquisition	303,500,000	303,500,000
Incidental Expenses	14,587,252	14,761,652
Professional Services	140,352,275	140,925,298
Operating Equipment Use	1,482,700	1,483,501
Administrative Overhead	15,034,898	16,359,705
Contingencies	6,701,728	8,851,005
Reimbursables from Agencies		-3,620,321
TOTAL	\$ 593,388,000	\$ 615,719,000

Fiscal Statement
Attachment A
(Program No. 5-5600-11)

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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
Remaining		1,356,381,000
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	\$252,310,750
	Fiscal Year 1995/96	\$408,570,750
	Fiscal Year 1996/97	\$400,919,750
	Fiscal Year 1997/98	\$359,827,375
	Fiscal Year 1998/99	\$172,557,375
	Fiscal Year 1999/2000	\$16,544,000
	TOTAL.....	\$1,972,100,000

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

**Abstract of Bids Received December 15, 1994 at 2:00 p.m.
Specifications No. 1272, as Amended**

East Newport Road Realignment

The work under these specifications consists of construction of a 7 1/4-mile-long paved road, a 4-mile-long by 500-feet-wide by 8-feet-deep storm drain channel, removal and disposal offsite of 1,370 lineal feet of 72-inch concrete pipe and 1,370 lineal feet of 75-inch concrete pipe, and installation of 350 lineal feet of a Metropolitan-furnished 14-foot-6-inch-diameter structural steel sleeve. Major features of the work include earth excavation and embankment, bridges, reinforced concrete box culverts, reinforced concrete pipe culverts and headwalls, asphalt concrete pavement, signing and striping, and four traffic signal systems.

Engineer's estimate: \$23,600,000.

Bidder & Location	Actual	Bid	Amounts*	Total All Alts Actuals
	Alt 1	Alt 2 Base	Alt 2 Options	
E. L. Yeager Construction Co., Inc. Riverside, CA	\$19,245,525.88	\$17,626,359.28	\$1,618,446.60	\$38,490,331.76
F. C. I. Constructors, a Joint Venture San Diego, CA	19,281,462.20	17,402,845.20	1,878,617.00	38,562,924.40
Matich Corporation San Bernardino, CA	19,638,010.90	17,599,122.90	1,853,596.50	39,090,730.30
Vance Corporation Rialto, CA	19,697,648.50	17,772,375.10	1,926,843.40	39,396,867.00

Bidder & Location	Actual	Bid	Amounts*	Total All Alts Actuals
	Alt 1	Alt 2 Base	Alt 2 Options	
C. A. Rasmussen, Inc. Corona, CA	19,700,655.12	17,129,344.87	2,673,364.25	39,503,364.24
Chilcote, Inc. El Cajon, CA	19,897,969.09	18,295,159.58	2,114,934.26	40,308,062.93
Kiewit Pacific Co. Vancouver, WA	20,630,140.58	18,771,101.33	1,881,752.25	41,282,994.16
Tutor-Saliba Corporation Los Angeles, CA	21,657,702.52	19,557,704.64	2,051,984.69	43,267,391.76
Riverside Construction Co. Riverside, CA	21,686,695.00	19,657,570.25	2,029,624.75	43,373,890.00
Atkinson-Washington, a Joint Venture San Bruno, CA	22,895,000.00	20,747,591.75	2,147,408.25	45,790,000.00

* SOME OF THE BIDS SUBMITTED CONTAINED ERRORS IN CALCULATIONS; THEREFORE,
ACTUAL TOTALS ARE ALSO SHOWN AND WILL BE USED FOR BID EVALUATION PURPOSES

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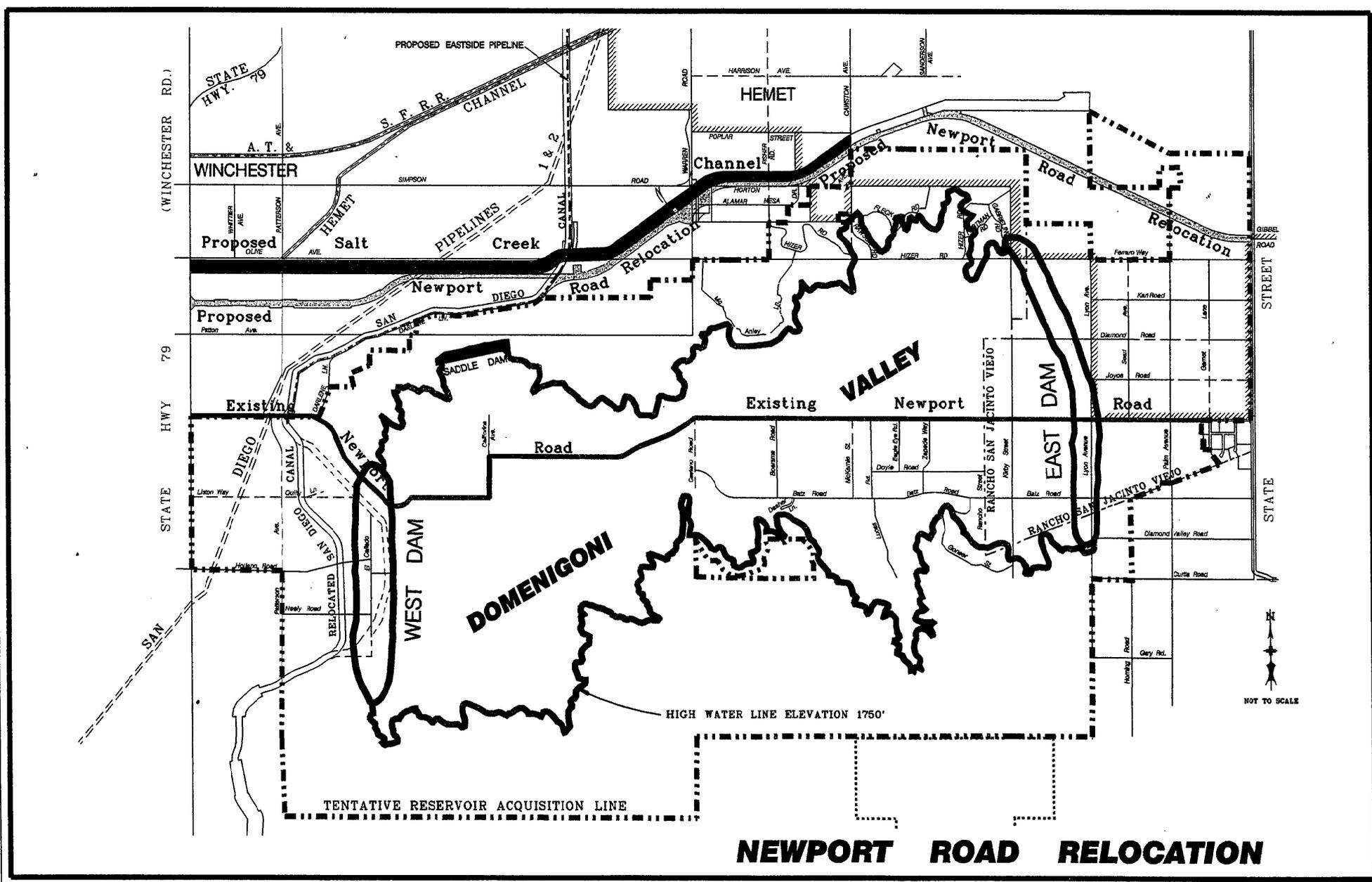
MBE/WBE PARTICIPATION FOR

41224

Project Goals	MBE %	WBE %
	<u>18</u>	<u>6</u>

Consultant (If Consultant is a MBE or WBE)	Type of Services	Participation MBE %	WBE %
<u>N/A</u>	<u></u>	<u></u>	<u></u>

Subconsultant	Type of Services	Participation MBE %	WBE %
<u>Gueno Develop- ment Co., Inc.</u>	<u>Aggregate</u>	<u>8.90</u>	<u></u>
<u>Chacon Steel Company, Inc.</u>	<u>Rebar</u>	<u>5.06</u>	<u></u>
<u>MBE Electric</u>	<u>Electrical</u>	<u>2.40</u>	<u></u>
<u>Klotz, Vincent Engineering Contractor</u>	<u>Pipe</u>	<u>1.41</u>	<u></u>
<u>Gence Corporation</u>	<u>Pile</u>	<u>1.19</u>	<u></u>
<u>Psomas and Associates</u>	<u>Survey</u>	<u>.83</u>	<u></u>
<u>Doty Bros. Equipment Co.</u>	<u>Utilities</u>	<u>.56</u>	<u></u>
<u>Merrimac Petroleum, Inc.</u>	<u>Asphalt Oil</u>	<u></u>	<u>4.05</u>
<u>Poundstone Quality Hydroseeding</u>	<u>Hydroseed</u>	<u></u>	<u>1.36</u>
<u>Avar Construction Systems, Inc.</u>	<u>Stressing</u>	<u></u>	<u>.56</u>
<u>Schwartz Oil</u>	<u>Fuel</u>	<u></u>	<u>1.03</u>
Total Participation:		<u>20.35</u>	<u>7.00</u>
		MBE %	WBE %



NEWPORT ROAD RELOCATION

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