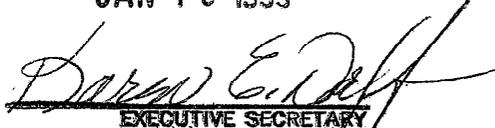


JAN 10 1995


EXECUTIVE SECRETARY

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December 27, 1994

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

From: General Manager

Subject: Authorization to Revise Appropriation No. 560 (Revision 14) to Increase Funding from \$536,630,000 to \$ 593,388,000 for Construction of the Eastside Pipeline Feature of the Domenigoni Valley Reservoir Project.

RECOMMENDATION

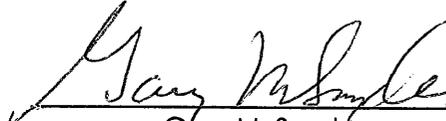
It is recommended that your Board authorize an increase of \$56,758,000 in Appropriation No. 560 from the 1992 Revenue Bond Construction Fund, to a total of \$593,388,000 to finance all remaining costs for the Eastside Pipeline.

It is also recommended that a construction contract for the Eastside Pipeline in the amount of \$45,628,961 be awarded to Advanco Contractors in accordance with Specifications No. 1246, 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
Chief Engineer

Concur:


John R. Wodraska
General Manager

BRIEF DESCRIPTION

Bids have been received under Specifications No. 1246, as amended, for the construction of the Eastside Pipeline. Twelve bids were received and opened. These bids are shown on the attached abstract of bids (see Attachment B). The low bid from Advanco Constructors, in the amount of \$45,628,961 complies with the requirements of the specifications, is \$650,039 below the next lowest bid, and is \$29,371,039 below the Engineers Estimate.

In the specifications, an alternative bid item was identified for the stub-out pipe to a possible future Metropolitan treatment plant site. The bid amount of \$147,325 for this alternative bid item may be included by a work change order at a later date.

A \$56,758,000 increase in Appropriation No. 560 is required to finance all remaining costs of the Eastside Pipeline. The total estimated cost of the pipeline project is \$59,871,510.

<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 Specification No. 1246
<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 Eastside Pipeline is a 12-foot inside diameter mortar-lined steel pipe, extending Approximately 8.2 miles from the Casa Loma Canal to the Domenigoni Valley Reservoir Project site. The pipeline will be aligned immediately east of the San Diego Canal and includes several tunnel undercrossings of State and County roadways, including the proposed Newport Road Relocation.

The Eastside Pipeline will serve the Domenigoni Valley Reservoir Project by providing a pipeline for bi-directional water flow for alternately filling and drafting the reservoir during winter and summer periods, and providing water delivery to the reservoir to meet future emergency, drought, and peak summer month needs. Outflow from the reservoir will be conveyed northerly through the Eastside Pipeline to a pressure control facility (PC-1) and thereon to the western portions of the service area. The pipeline will also deliver SWP waters southerly to the reservoir.

ACTIONS & MILESTONE

Final design was completed in October 1994. Construction is anticipated to begin in March 1995 and to be complete in March 1997.

MBE/WBE

The specifications, as amended, established certified Minority-Owned Business Enterprise (MBE) and Women-Owned Business Enterprise (WBE) participation goals of 7 percent MBE and 2 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. Advanco Constructors, achieved 7.44 percent certified MBE participation and 2.04 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 addition, your Board certified a Supplemental Environmental Impact Report for the Eastside Pipeline in February 1993 to address changes in impacts of the pipeline identified after completion of the FEIR, including additional right-of-way acquisition. These actions satisfied the provisions of CEQA, and no further environmental documentation or reviews are necessary for your Board to take action on this recommendation.

NUMBER OF BIDDERS

- NUMBER OF CONTRACTORS THAT REQUESTED
PLANS: 92
- SUBMITTED BIDS 12

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

CONTRACTUAL DETAILS

- ANTICIPATED DURATION 525 WORKING DAYS
- HOURLY RATES _____
- PREVAILING WAGE RATES WILL APPLY

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

Project Summary:

Total Project

	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	\$84,555,272
Recreation	\$33,000,000	\$0
Contingency	\$136,033,000	\$6,701,728
TOTAL.....	\$1,972,100,000	\$593,388,000

* 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. 13 and 14 to Appropriation No, 560 are shown below:

	REVISIONS NO.13	REVISION NO. 14
Construction Specification No. 1246		45,628,961
Construction	32,962,000	33,109,325
Labor:		
Preliminary Engineering, Final Engineering, and Preparation of Specifications	26,858,225	26,878,741
Post Design	329,829	629,329
Contract Administration		
Inspection and Survey	933,546	4,222,291
Labor Subtotal	28,121,600	31,730,361
Materials and Supplies	1,260,500	1,260,500
Right of Way Acquisition	303,500,000	303,500,000
Incidental Expenses	14,394,600	14,587,252
Professional Services	140,331,000	140,352,275
Operating Equipment Use	1,482,700	1,482,700
Administrative Overhead	13,040,600	15,034,898
Contingencies	1,537,000	6,701,728
TOTAL	\$ 536,630,000	\$ 593,388,000

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

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Attachment A

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
Remaining		1,378,712,000
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

Attachment B
The Metropolitan Water District of Southern California
Abstract of Bids Received December 15, 1994 at 9:00 a.m.
Specifications No. 1246, as Amended
Eastside Pipeline

The work under the specifications consists of construction of the Eastside pipeline and all appurtenant work. The work is to be completed within 525 working days after the contractor receives the Notice to Proceed. Under this schedule, the work should be completed by January 1996.

Engineer's Estimate: \$75,000,000.00

Bidder & Location	Mobilization	Construction	Total	ABI	Grand Total
Advanco Constructors, Div. of Zurn Constructors, Inc. Upland, California	\$1,000,000	\$44,628,961	\$45,628,961	\$147,325	\$45,776,286
L.H. & Sons, Inc. & Granite Construction, Inc. Joint Venture Escondido, California	\$1,000,000	\$45,279,000	\$46,279,000	\$106,431	\$46,385,431
Barnard Construction Company, Inc. Bosman, Montana	\$1,000,000	\$46,350,000	\$47,350,000	\$180,000	\$47,530,000
ARB/CRF Joint Venture Novato, California	\$1,000,000	\$46,879,000	\$47,879,000	\$100,000	\$47,979,000
Steve P. Rados Santa Ana, California	\$1,000,000	\$46,930,000	\$47,930,000	\$125,000	\$48,055,000
Colich & Sons Gardena, California	\$1,000,000	\$48,700,000	\$49,700,000	\$80,000	\$49,780,000
J.F. Shea Walnut, California	\$1,000,000	\$48,900,000	\$49,900,000	\$125,000	\$50,025,000
Atkinson-Washington, J.V. San Bruno, California	\$1,000,000	\$48,912,000	\$49,912,000	\$95,000	\$50,007,000
Kiewit Pacific Co. Vancouver, Washington	\$1,000,000	\$50,500,000	\$51,500,000	\$96,000	\$51,596,000

Attachment B
The Metropolitan Water District of Southern California
Abstract of Bids Received December 15, 1994 at 9:00 a.m.
Specifications No. 1246, as Amended
Eastside Pipeline

Bidder & Location	Mobilization	Construction	Total	ABI	Grand Total
Kenko, Inc. dba McGrand & Associates Calemasa, California	\$1,000,000	\$50,647,801	51,647,801	\$143,000	\$51,790,801
PCL-Healy Dillingham, J.V. Tempe, Arizona	\$1,000,000	\$51,611,840	\$52,611,840	\$113,000	\$52,724,840
CBPO of America, Inc. Sherman Oaks, California	\$1,000,000	\$56,700,000	\$57,700,000	\$135,000	\$57,835,000

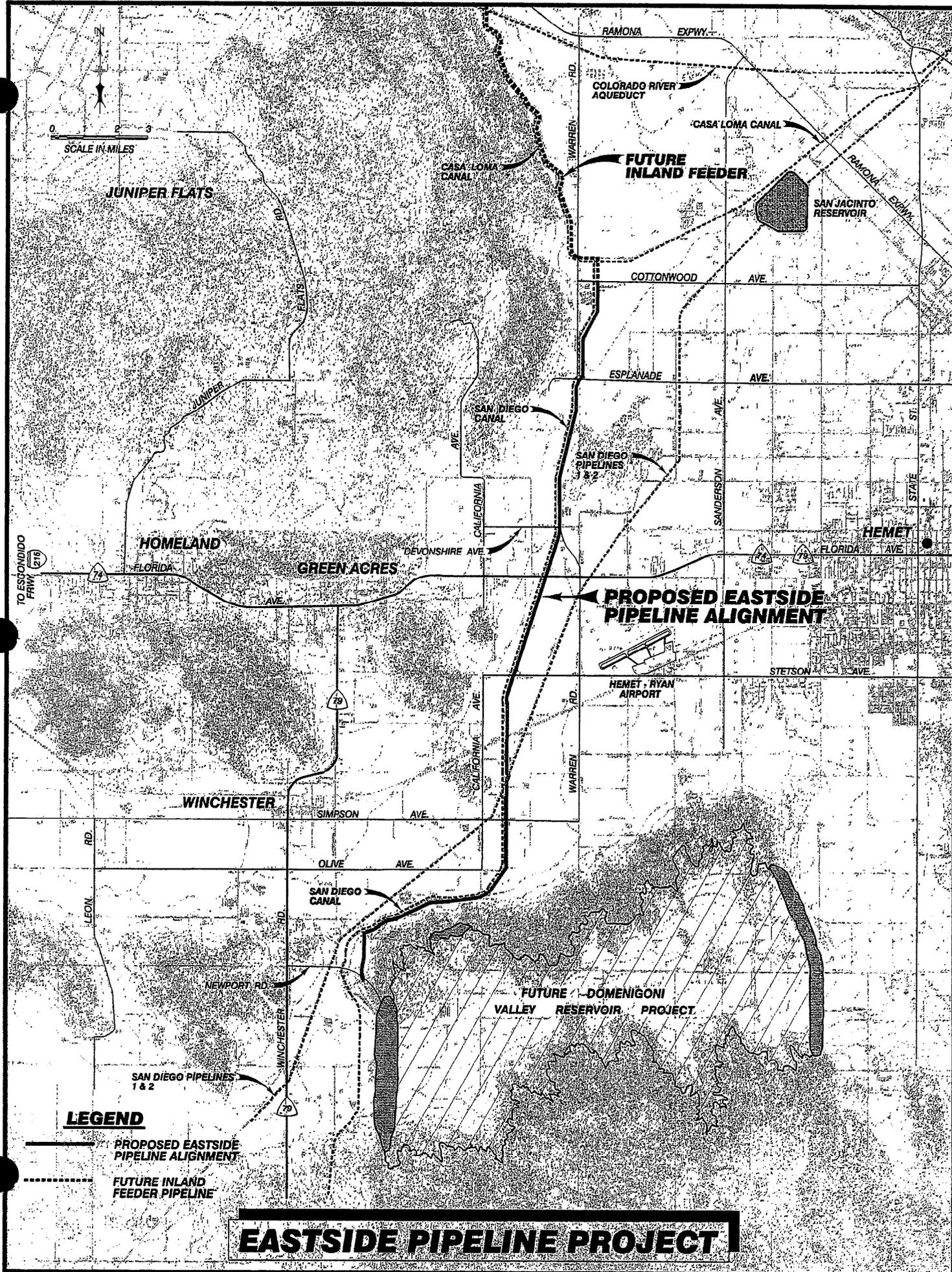
**MBE/WBE PARTICIPATION FOR
(Advanco Constructors, Div. of Zurn Constructors, Inc.)**

Project Goals	MBE %	WBE %
	<u>7</u>	<u>2</u>

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

Subcontractor	Type of Services	Participation	
		MBE %	WBE %
<u>Western Paving</u>	<u>Base & AC Paving</u>	<u>0</u>	<u>.30</u>
<u>Elmore Pipe Jacking</u>	<u>Tunnels</u>	<u>0</u>	<u>1.35</u>
<u>MEI ELR</u>	<u>Electrical</u>	<u>.14</u>	<u>0</u>
<u>Quality Hydroseed</u>	<u>Hydroseeding</u>	<u>0</u>	<u>.39</u>
<u>Shraka</u>	<u>Bedding Sand</u>	<u>4.6</u>	<u>0</u>
<u>Reyes Co.</u>	<u>Miscellaneous concrete work</u>	<u>2.7</u>	<u>0</u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
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<u></u>	<u></u>	<u></u>	<u></u>

Total Participation:	<u>7.44</u>	<u>2.04</u>
	MBE %	WBE %



LEGEND

- PROPOSED EASTSIDE PIPELINE ALIGNMENT
- - - FUTURE INLAND FEEDER PIPELINE

EASTSIDE PIPELINE PROJECT