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METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

8-7

August 4, 1992

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

From: General Manager

Subject: Revision No. 5 to Appropriation No. 557 to Increase Funding from \$19,800,000 to \$40,000,000 to Finance all Estimated Costs of Site Preparation and All Costs in Advance of Award of Contracts for Expansion No. 2 and Related Facilities for the Mills Filtration Plant, and to Award a Contract

Report

In January 1992, your Board approved Revision No. 4 to Appropriation No. 557 in the amount of \$19,800,000 to finance all estimated costs for environmental mitigation, procurement of steel pipe and fittings, and all estimated costs in advance of award of contracts for the Henry J. Mills Filtration Plant Expansion No. 2.

Bids have been received under Specifications No. 1237, as amended, for Site Preparation for Henry J. Mills Filtration Plant Expansion No. 2. Seven bids were received and opened. The proposals are shown on the attached Abstract of Bids. The low bid of Kiewit Pacific Company, in the amount of \$15,219,400, complies with the requirements of Specifications No. 1237, as amended, is \$719,400 over the Engineer's estimate and is \$432,400 below the next lowest bid. Kiewit Pacific Company is qualified to perform this work and has successfully completed other projects for Metropolitan.

The total estimated cost of the site preparation is \$22,000,000. The total estimated cost of environmental mitigation, procurement of District-furnished equipment and materials, site preparation, and construction of the expansion and related facilities for the Henry J. Mills Filtration Plant Expansion No. 2 is \$211,000,000. A \$20,200,000 increase in Appropriation No. 557 is now required for the site work. The breakdowns of the total estimated costs for Revisions Nos. 4 and 5 are shown on Attachment A.

All California Environmental Quality Act (CEQA) requirements have been satisfied for the proposed action. On February 11, 1991, your Board certified the Final Environmental Report for Expansion No. 2 of the Henry J. Mills Filtration Plant. This action satisfied the provisions of CEQA in regard to this matter and no further environmental documentation or review is necessary for your Board to take action on this 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).

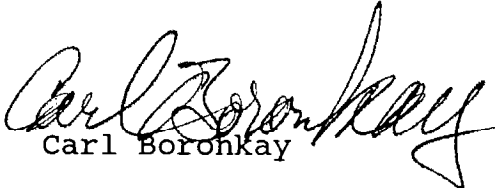
Recommendations

FINANCE AND INSURANCE COMMITTEE FOR ACTION.

It is recommended that your Board authorize an increase of \$20,200,000 in Appropriation No. 557 from the 1991 Revenue Bond Construction Fund, to a total of \$40,000,000, for site preparation and for all estimated costs in advance of award of other construction contracts for the Henry J. Mills Filtration Plant Expansion No. 2.

ENGINEERING AND OPERATIONS COMMITTEE FOR ACTION.

It is recommended that a contract in the amount of \$15,219,400 be awarded to Kiewit Pacific Company, for Site Preparation for Henry J. Mills Filtration Plant Expansion No. 2. and that, conditioned upon execution of the contract, all other bids be rejected.


Carl Boronkay

JIM:ayb
(apr557-7302)
Attachments

FISCAL STATEMENT
(Program No. 5-5570-31)

The total cost breakdowns for Revision Nos. 4 and 5 to Appropriation No. 557 are shown below:

	<u>Rev. No. 4</u>	<u>Rev. No. 5</u>
Construction Specifications No. 1237, low bid received July 27, 1992 (Site Work)	\$ 0	\$ 15,219,400
Construction Specifications No. 1241, low bid received February 18, 1992 (Property Fencing)	0	469,000
Specifications No. 1245, low bid received Dec. 12, 1991 (Steel Pipe & Fittings)	1,050,000	1,050,000
Applicable Taxes	76,125	76,125
Planning, Environmental, Water Quality, and Preliminary Engineering	1,950,000	1,950,000
Labor:		
Final Design and Preparation of Specifications	7,690,000	5,000,000
Post Design	0	300,000
Contract Administration, Inspection and Survey	60,000	1,200,000
District Forces	250,000	300,000
Materials and Supplies	650,000	700,000
Incidental Expenses	200,000	425,000
Professional Services:		
James M. Montgomery	415,000	2,700,000
Harding Lawson Associates	0	200,000
Others	0	200,000
Operating Equipment	0	50,000
Administrative Overhead	3,739,000	3,751,700
Environmental Mitigation	1,000,000	750,000
Contingencies	<u>2,719,875</u>	<u>5,658,775</u>
Total	\$ 19,800,000	\$ 40,000,000

Estimated Funds Required:

Initial	\$ 425,000
Revision No. 1	733,000
Revision No. 2	792,000
Revision No. 3	16,500,000
Revision No. 4	1,350,000
Revision No. 5	20,200,000
Additional	<u>171,000,000</u>

Total \$ 211,000,000

Source of Funds:

1991 Revenue Bond Construction Fund

Class: One--projects directly related
to delivery of water.

Projected Expenditures of Funds:

Through Fiscal Year 1991/92	\$ 9,000,000
Fiscal Year 1992/93	31,000,000
Fiscal Year 1993/94	60,000,000
Fiscal Year 1994/95	80,000,000
Fiscal Year 1995/96	<u>31,000,000</u>

Total \$ 211,000,000

Project Benefit:

The increased plant capacity is necessary
to meet projected water demands in the
Riverside County area.

Capital Program for Fiscal Year 1992/93:

Estimated Program Cost	\$ 211,000,000
Program Estimate Fiscal Year 1992/93	\$ 31,523,800

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Abstract of Bids Received July 27, 1992, at 2:00 p.m.

Specifications No. 1237, as Amended
 Site Preparation for
 Henry J. Mills Filtration Plant Expansion No. 2

The work under these specifications consists of excavations to competent material; refilling excavations with compacted engineered fill; installation of District-furnished equipment including large diameter pipe; furnishing and installing pipelines; removal and abandonment of underground pipe; dewatering; site preparation and grading; construction of an underdrain system; reservoir inlet and outlet structures with electric motor-operated sluice gates; connecting new pipelines to existing pipelines; and any other appurtenances, as required by the specifications. The work is to be completed within 250 working days after the contractor receives the Notice to Proceed. Under this schedule, the work should be completed by August 1993.

Engineer's Estimate: \$14,500,000.00

BIDDER & LOCATION	ITEM 1 MOBILIZATION & DEMobilIZATION	ITEM 2 CONSTRUCTION SCHEDULE	ITEM 3 PREPARE SITE	ITEM 4 EXCAVATION*	TOTAL 1-4
Kiewit Pacific Company Santa Fe Springs, CA	\$640,000	\$35,000	\$14,378,400	\$166,000	\$15,219,400
E. L. Yeager Construction Co., Inc. Riverside, CA	\$640,000	\$35,000	\$14,852,300	\$124,500	\$15,651,800
Advanco Constructors, Div. of Zurn Constructors, Inc. Upland, CA	\$640,000	\$35,000	\$14,989,000	\$132,800	\$15,796,800
BFI Constructors Santa Ana, CA	\$640,000	\$35,000	\$16,500,000	\$107,900	\$17,282,900
Roy E. Ladd, Inc. Redding, CA	\$640,000	\$35,000	\$16,589,000	\$58,100	\$17,322,100
Sukut Construction, Inc. Santa Ana, CA	\$640,000	\$35,000	\$16,900,000	\$99,600	\$17,674,600
C.A. Rasmussen, Inc. Simi Valley, CA	\$640,000	\$35,000	\$17,870,000	\$166,000	\$18,711,000

* NOTE: Quantity for bid item 4 is estimated and is for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed, or constructed in accordance with the Contract Documents.