



MWD

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

8-7

September 25, 1992

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

From: General Manager

Subject: Revision No. 1 to Appropriation No. 573 to Increase Funding from \$625,000 to \$4,400,000 to Finance all Estimated Costs of Construction of the Lake Skinner Outlet Tower and Bypass Pipelines Chlorination System and Delegation of Authority to Award Contracts

Report

In June 1989, the Board approved Appropriation No. 573 in the amount of \$625,000 to finance all estimated costs of the design of a permanent chlorination facility for the Lake Skinner Outlet Tower. Periodic chlorination is needed to control growth of Asiatic clams and algae which cause taste and odor problems with the water delivered directly from the lake to the Skinner filtration plant and to agencies receiving untreated water. Chlorination of Bypass Pipeline No. 2 is also required by June 1993, in order to meet the terms of the Surface Water Treatment Rule.

Consideration of including chlorination of the Lake Skinner bypass pipelines, which bypass the lake, in this appropriation was deferred pending the results of a study of chlorination of the San Diego Canal. The study has been completed and recommends that chlorine solution piping also be connected to the east and west bypass pipelines and to the new Bypass Pipeline No. 2.

To minimize engineering costs and the risk of spilling superchlorinated water into Tocalota Creek in the event of a pipe break or leak, staff has determined that a chlorine gas vacuum system is safer than a pressurized liquid system for operating long chlorine lines that must feed the influent points to provide sufficient contact time. Chlorine lines to the bypass pipelines are nearly one mile long and those to the Skinner Outlet Tower are over one-half mile long from the chlorine room at the Skinner filtration plant.

The total estimated cost of the Lake Skinner Outlet Tower and Bypass Pipelines Chlorination System is \$4,400,000. An increase in Appropriation No. 573 is now required due to the added facilities and change in the scope of the project. A

breakdown of the initial and Revision No. 1 estimated costs is shown on the attached fiscal statement.

In prior discussions, the Engineering and Operations and Finance and Insurance committees have indicated a desire to streamline contract award procedures. Consistent with this approach, this letter recommends delegation of authority to the General Manager to award contracts once a capital project has been approved. This method departs from previous contract-approval procedures by minimizing the Board's need to approve individual contract awards and would implement the provision in the Administrative Code for the delegation to the General Manager of the authority to award specific classes of contracts.

The proposed action is exempt from the provisions of the California Environmental Quality Act because it consists of the construction of minor appurtenant structures to serve existing facilities. This action will not result in increased distribution capacity beyond that previously existing.

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).

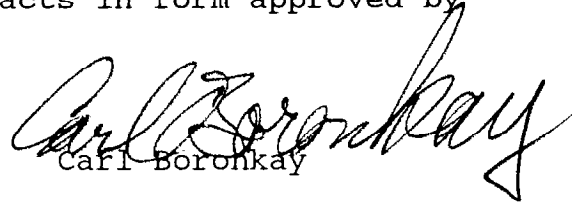
Recommendations

FINANCE AND INSURANCE COMMITTEE FOR ACTION.

It is recommended that your Board authorize an increase of \$3,775,000 in Appropriation No. 573 from the 1991 Revenue Bond Construction Fund, to a total of \$4,400,000, for construction of the Lake Skinner Outlet Tower and Bypass Pipelines Chlorination System.

ENGINEERING AND OPERATIONS COMMITTEE FOR ACTION.

It is recommended that your Board, consistent with the provisions of Administrative Code Section 8113, authorize the General Manager to have all work performed for design and construction of the Lake Skinner Outlet Tower and Bypass Pipelines Chlorination System and delegate to the General Manager the authority to award contracts in form approved by the General Counsel.



Carl Boronkay

JIM:ayb/atr

(apr573-9222)

Attachments

FISCAL STATEMENT
(Program No. 5-5730-21)

The total estimated cost breakdowns for the initial funding and Revision No. 1 to Appropriation No. 573 are shown below:

	<u>Initial</u>	<u>Rev. No. 1</u>
Labor:		
Preliminary Engineering	\$ 10,000	\$ 125,000
Final Design and Preparation of Specifications	27,000	600,000
Post Design	7,000	145,000
Contract Administration, Inspection and Survey	0	125,000
Environmental, Water Quality Controls and Purchasing	0	150,000
Operations	<u>96,000</u>	<u>190,000</u>
Total Labor	\$ 140,000	\$ 1,335,000
Materials and Supplies	300,000	835,000
Incidental Expenses	5,000	10,000
Operating Equipment Use and Rental	25,000	25,000
Administrative Overhead	76,000	737,000
Contracts		900,000
Contingencies	<u>79,000</u>	<u>558,000</u>
Total	\$ 625,000	\$ 4,400,000

Estimated Funds Required:

Initial	\$ 625,000
Revision No. 1	<u>3,775,000</u>
Total	\$ 4,400,000

Source of Funds:

1991 Revenue Bond Construction Fund

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

FISCAL STATEMENT (Cont.)

Projected Expenditures of Funds:

Through Fiscal Year 1991/92	\$ 270,000
Fiscal Year 1992/93	4,030,000
Fiscal Year 1993/94	<u>100,000</u>
Total	\$ 4,400,000

Project Benefit:

Will eliminate reliance on a portable chlorination system and help ensure compliance with the Surface Water Treatment Rule.

Capital Program for Fiscal Year 1992/93:

Estimated Program Cost	\$ 625,000
Program Estimate Fiscal Year 1992/93	\$ 460,900