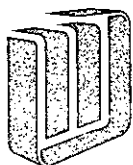


APPROVED  
by the Board of Directors of  
The Metropolitan Water District  
of Southern California  
at its meeting held

FEB 11 1992

*[Signature]*  
EXECUTIVE SECRETARY

**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

January 24, 1992

To: (Engineering & Operations Committee--Action  
Board of Directors (Organization & Personnel Committee--Action

From: General Manager

Subject: Authorization to Amend Agreement No. 2632 with Butier  
Engineering, Inc., for Construction Management Services

### Report

In June 1990, your Board authorized the General Manager to enter into an agreement with Butier Engineering, Inc. (Butier) to provide resident engineering and construction inspection services during the construction of the washwater reclamation facilities expansion (WWRF) at the Diemer filtration plant. The maximum amount payable under the terms of the agreement was \$550,000; that amount was based upon the specified construction contract duration of 14 months.

A First and Second Amendment to the Agreement to update Butier's fee schedule and to increase the maximum amount payable by \$220,000 were made under the General Manager's authority on February 1, 1991 and October 22, 1991, respectively. The increase in the Agreement amount by the Second Amendment was necessary to compensate Butier for its cost of providing services for an extended duration resulting from the addition of a chemical storage facility to the original construction contract work.

It is recommended that authority be granted to the General Manager to enter into a Third Amendment to the Agreement to increase the maximum amount payable an additional \$650,000 for a total of \$1,420,000. The increase under the Third Amendment is necessary because of an extended duration of the construction contract and increased scope of work under the Consultant's agreement to assess delays resulting from the addition of chemical containment facilities and a 24-inch diameter balancing pipeline between existing filter backwash tanks, and revisions to the alignment of the 36-inch diameter washwater return line and various sludge and chemical piping. Authorization to issue a cost-plus extra work order for an estimated \$1,800,000 for this work was approved by your board

at its January 1992 meeting. Funds for this work are available under Appropriation No. 550 for construction of the WWRP expansion and for other plant modifications at the Diemer filtration plant.

Butier is an equal opportunity employer and a copy of its affirmative action plan is on file with Metropolitan. Butier will transmit an equal opportunity verification form to Metropolitan prior to the execution of this amendment.

This action is exempt from the provisions of the California Environmental Quality Act because it involves administrative inspections with no potential for impacts to the physical environment.

#### Board Committee Assignments

This letter is referred for action to:

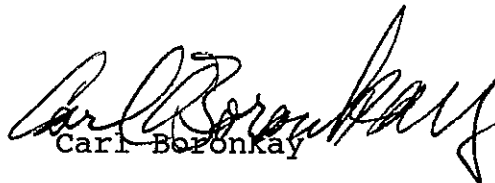
The Engineering and Operations Committee because of its responsibility to study, advise, and make recommendations with regard to plans, specifications, and bids, in accordance with Administrative Code Section 2431(a); and

The Organization and Personnel Committee because of its responsibility to study, advise, and make recommendations with regard to terms and conditions of employment of all consultants, in accordance with Administrative Code Section 2471(g).

#### Recommendation

#### **ENGINEERING AND OPERATIONS AND ORGANIZATION AND PERSONNEL COMMITTEES FOR ACTION.**

It is recommended that the General Manager be authorized to amend Agreement No. 2632 with Butier Engineering, Inc., to increase the dollar limit by \$650,000 from \$770,000 to \$1,420,000 in accordance with this letter and in a form approved by the General Counsel.

  
Carl Boronkay

BAB:atr  
(board\Butier)