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METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA EXECUTIVE SECRETARY

*Harold E. Dill*  
EXECUTIVE SECRETARY

February 18, 1992

(Engineering and Operations Committee--Action)  
Board of Directors (Organization and Personnel Committee--Action)

General Manager

Authorization to Amend Agreement No. 2041 with Engineering  
Science for the Expansion of the Washwater Reclamation Facilities  
at the Robert B. Diemer Filtration Plant

Report

In October 1988, your Board approved Revision No. 1 to Appropriation No. 550 to increase funding to a total of \$5,600,000, to finance all estimated costs in advance of awarding a construction contract for enlargement of the washwater reclamation facilities (WWRF) at the Diemer filtration plant and authorized entering into Agreement No. 2041 with Engineering Science, Inc., in an amount not to exceed \$1,400,000, to provide engineering services for the enlarged design of the WWRF. Subsequent to the Agreement, two amendments were authorized by your Board and a third amendment was authorized by the General Manager increasing the maximum amount payable to \$1,850,000 which provided for relocation of pipelines and sludge thickeners; chemical building and tank area, additional electrical panels, cathodic protection system, preparation of engineer's cost estimate, and as-built drawings. It is recommended that the General Manager be authorized to amend the Agreement by \$500,000 to provide for additional shop drawings, engineering services during the construction phase, aerial survey work, preliminary study to improve performance of the expanded washwater reclamation plant, evaluation of a sand pan installation at the central WWRF and preparation of operations and maintenance manuals. Funds for this work are available under Appropriation No. 550.

Engineering Science, Inc., is an equal opportunity employer and a copy of its current Affirmative Action Plan is on file with Metropolitan.

The proposed action is exempt from the provisions of the California Environmental Quality Act because it consists of modifications to existing facilities with negligible expansion of use beyond that currently existing.

Board Committee Assignments

This letter is referred for action to:

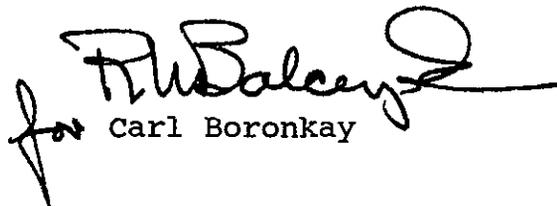
The Engineering and Operations Committee because of its responsibility to study, advise, and make recommendations with regard to plans, specifications, and bids in accordance with Administrative Code Section 2431(a); and

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. 2041 with Engineering Science, Inc., to increase the maximum amount payable by \$500,000 for a total of \$2,350,000, including expenses in accordance with this letter and in a form approved by the General Counsel.

  
for Carl Boronkay

LBA:rdl/atr  
(app-550.lba)