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DEPARTMENT OF  
PUBLIC WORKS

WATER DIVISION

CITY OF SACRAMENTO  
CALIFORNIA

November 1, 1988

1391-35TH AVENUE  
SACRAMENTO, CA  
95822-2911

916-449-5271

Budget and Finance Committee  
Sacramento, California

Honorable Members in Session:

**SUBJECT: FAIRBAIRN WATER TREATMENT PLANT EXPANSION PROJECT -  
PHASE II DESIGN**

### SUMMARY

On September 29, 1987, the City Council authorized the City Manager to negotiate and execute a contract with James M. Montgomery, Consulting Engineers, Inc. for Phase I design of the Fairbairn Water Treatment Plant Expansion Project. This phase has now been completed and it is requested that the City Manager and City Clerk be authorized to negotiate and execute contracts with James M. Montgomery, Consulting Engineers, Inc. for the Phase II design of the Fairbairn Water Treatment Plant Expansion Project (PN:ZB26), in an amount not to exceed \$3,000,000. To fully fund this project, this report recommends that the Water Transmission Main Project (ZA96) be partially defunded by \$328,061 and that amount be then appropriated to the Water Treatment Plant Expansion Project (ZB26).

### BACKGROUND

Pursuant to a Request for Proposals issued May 1, 1987 four engineering firms submitted proposals for the design of the Fairbairn Water Treatment Plant Expansion Project. James M. Montgomery, Consulting Engineers, Inc. was selected by the consultant selection panel as being most responsive to the project needs based on the proposals, subsequent oral interviews, and a fact-finding tour of selected Montgomery water treatment projects.

It was planned that the actual design contracts would be divided into two phases. Phase I involved all the specific field work, data gathering and alternative analyses necessary to refine the scope of the water plant expansion. The major tasks included work in geotechnical explorations, surveying, unit process control, and hydraulic analysis. Phase II of design will take the data gathered during Phase I and provide contract drawings and specifications necessary for construction of the new facilities.

On September 29, 1987, the City Council authorized the City Manager to negotiate and execute contracts with James M. Montgomery, Consulting Engineers, Inc. for Phase I design. This work is now in the process of being completed and the next task, actual

This report addresses only the Phase II part of the design (preparation of contract drawings and specifications) and requests authorization to negotiate and execute contracts with James M. Montgomery, Consulting Engineers, Inc. in an amount not to exceed \$3,000,000. Estimated construction cost of the Fairbairn Water Treatment Plant Expansion is \$51,000,000.

### FINANCIAL

Design of the Fairbairn Water Treatment Plant Expansion Project (ZB26) is funded in the 1987-1992 Capital Improvement Budget with monies from the Water Fund. The unobligated balance in this project is \$2,671,939. This leaves a shortfall of \$328,061 needed to fund Phase II.

Currently there is approximately \$1,968,899 in "Water Transmission Mains North of American River" (ZA96). Due to uncertainty regarding the widening of Howe Avenue by the County, the schedule for this project has been set back by about one year. A preliminary study of alternative routes is in progress. Also, it is possible that an agreement with Arcade Water District will cause an increase in size of this main and participation in funding the project by the District. Since the expansion of the Fairbairn Water Treatment Plant has a higher priority and more severe schedule, it is proposed that \$328,061 be returned to the Water Contingency Reserve Fund (4-13-710-7012-4999) from the "Water Transmission Mains" Project (ZA96). It is then proposed to appropriate this amount to the Fairbairn Water Treatment Plant Expansion Project (ZB26).

### RECOMMENDATION

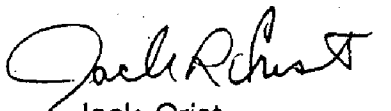
It is recommended that the Budget and Finance Committee approve and forward the attached resolution to the City Council for adoption which: (1) authorizes the City Manager and City Clerk to negotiate and execute contracts with James M. Montgomery, Consulting Engineers, Inc. for Phase II design of the Fairbairn Water Treatment Plant Expansion Project in an amount not to exceed \$3,000,000; (2) partly defunds the Water Transmission Main project (ZA96) in the amount of \$328,061; and (3) appropriates \$328,061 from the Water Contingency Reserve Fund (4-13-710-7012-4999) to the Fairbairn Water Treatment Plant Expansion Project (ZB26).

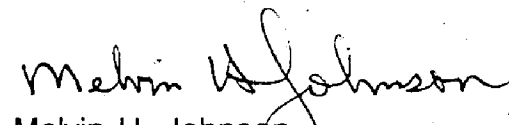
Respectfully submitted,

Jim Sequeira  
Water Division Manager

RECOMMENDATION APPROVED:

APPROVED:

  
Jack Crist  
Deputy City Manager

  
Melvin H. Johnson  
Director of Public Works

All Districts  
November 1, 1988



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#### SUMMARY

On September 29, 1987, the City Council authorized the City Manager to negotiate and execute a contract with James M. Montgomery, Consulting Engineers, Inc. for Phase I design of the Fairbairn Water Treatment Plant Expansion Project. This phase has now been completed and it is requested that the City Manager and City Clerk be authorized to negotiate and execute contracts with James M. Montgomery, Consulting Engineers, Inc. for the Phase II design of the Fairbairn Water Treatment Plant Expansion Project (PN:ZB26), in an amount not to exceed \$3,000,000. To fully fund this project, \$328,061 must be appropriated from the Water Contingency Reserve Fund. The Budget and Finance Committee heard this item at its meeting on November 1, 1988.

#### BACKGROUND

A detailed report to the Budget and Finance Committee is attached.

#### FINANCIAL

A detailed report to the Budget and Finance Committee is attached.

RECOMMENDATION

It is recommended that the City Council adopt the attached resolution which: (1) authorizes the City Manager and City Clerk to negotiate and execute contracts with James M. Montgomery, Consulting Engineers, Inc. for Phase II design of the Fairbairn Water Treatment Plant Expansion Project in an amount not to exceed \$3,000,000; (2) partly defunds the Water Transmission Main project in the amount of \$328,061; and (3) appropriates transfers \$328,061 from the Water Contingency Reserve Fund (4-13-710-7012-4999) to the Fairbairn Water Treatment Plant Expansion Project (ZB26).

Respectfully submitted,



Jim Sequeira  
Water Division Manager

RECOMMENDATION APPROVED:

Walter J. Slipe  
City Manager

APPROVED:



Melvin H. Johnson  
Director of Public Works

All Districts  
November 1, 1988

# RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL ON DATE OF

RESOLUTION AUTHORIZING THE CITY MANAGER AND CITY CLERK TO  
NEGOTIATE AND EXECUTE CONTRACTS WITH  
JAMES M. MONTGOMERY, CONSULTING ENGINEERS, INC.  
FOR PHASE II OF THE DESIGN OF THE  
FAIRBAIRN WATER TREATMENT PLANT EXPANSION PROJECT (PN:ZB26)  
AND AMENDING THE CAPITAL IMPROVEMENT BUDGET

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO THAT:

1. The City Manager and City Clerk are hereby authorized to negotiate and execute contracts, in an amount not to exceed \$3,000,000 with James M. Montgomery, Consulting Engineers, Inc., for the Fairbairn Water Treatment Plant Expansion Project - Phase II Design.
2. The Capital Improvement Budget is hereby amended by defunding the Water Transmission Main project in the amount of \$328,061 (4-13-500-ZA96-4820) and transferring this amount to the Water Fund Contingency Reserve (4-13-710-7012-4999).
3. The Capital Improvement Budget is hereby amended by transferring \$328,061 from the Water Contingency Reserve Fund (4-13-710-7012-4999) to the Fairbairn Water Treatment Plant Expansion Project (4-13-500-ZB26-4802).

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MAYOR

ATTEST:

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CITY CLERK

fairbairn