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DEPARTMENT OF
PUBLIC WORKS

CITY OF SACRAMENTO
CALIFORNIA

1391-35TH AVENUE
SACRAMENTO, CA
95822-2911

DIVISION OF
FLOOD CONTROL AND SEWERS

916-449-5271

February 16, 1988

Budget and Finance Committee
Sacramento, California

Honorable Members in Session:

SUBJECT: PARTIAL DEFUNDING OF CIP XB21, PUMPING STATIONS RADIO TELEMETRY

SUMMARY:

This report recommends that the currently approved capital improvement project XB21, Pumping Stations Radio Telemetry, be partially defunded by \$100,000 for the current fiscal year. Further evaluation is necessary before purchasing new telemetry in a rapidly changing technological environment for a system that is currently functioning.

BACKGROUND:

The purpose for creating this capital improvement project was to upgrade the pumping stations telemetry system. The existing telemetry is very stable and functioning. It employs basically reliable technology, has operated successfully since the mid-1970s, and has spare capacity. The new telemetry systems utilize software technology which is rapidly changing. Because of these rapid changes, the possibility of buying an obsolete software system is very high at this time. For example, three of the eight manufacturers surveyed last year have developed completely new software. Had the City purchased software last year, there was a 40% chance of purchasing an obsolete system. Finally, delaying the purchase of telemetry will allow staff time to compare the relative advantages of radio signals and telephone signals. Both have advantages and problems, and a detailed study will determine which medium will best accommodate the City's telemetry needs. A part of the evaluation will weigh the capital costs of purchasing radios against the annual lease costs of telephone lines. The evaluation will also measure the quality and strength of radio coverage to determine of the effectiveness of radio telemetry for the entire geographic area of the City. Therefore, by delaying the purchase of a new telemetry system the City will be able to better evaluate the relative benefits of radio and telephone signals and,

secondly, will benefit from the evolution of the software technology into more stable product lines. The total budget for this project was \$200,000. After defunding \$100,000, there is \$86,000 still committed to continued radio telemetry landline analysis and survey this year by Division staff.

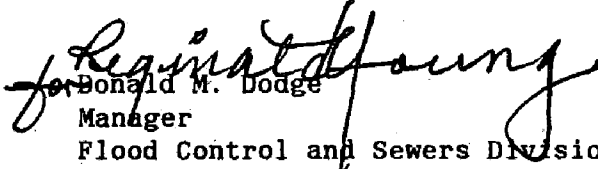
FINANCIAL:

The defunded amount of \$100,000 will be returned to the Sewer Contingency Fund.

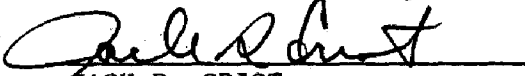
RECOMMENDATION:

It is recommended that the Budget and Finance Committee forward to the full City Council the attached resolution partially defunding the subject capital improvement project with a recommendation for approval.

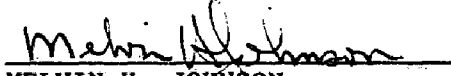
Respectfully submitted,


Donald M. Dodge
Manager
Flood Control and Sewers Division

APPROVED:


JACK R. CRIST
Deputy City Manager

APPROVED:


MELVIN H. JOHNSON
Director of Public Works

February 16, 1988
All districts

RESOLUTION No.

Adopted by The Sacramento City Council on date of

RESOLUTION AMENDING THE 1987-1988
CAPITAL IMPROVEMENT BUDGET TO
PARTIALLY DEFUND THE PUMPING STATION
RADIO TELEMETRY PROJECT

Be it resolved by the City Council of the City of Sacramento that:

The 1987-88 Capital Improvement Budget is hereby amended by transferring \$100,000 from the Pumping Station Radio Telemetry Project (4-14-500-XB21-4820) to the Sewer Contingency Fund (4-14-710-7012-4999).

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