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APPROVED
BY THE CITY COUNCIL

SEP 2 1997

OFFICE OF THE
CITY CLERK
921 TENTH STREET
SUITE 500
SACRAMENTO, CA
95814-2715

DEPARTMENT OF
PUBLIC WORKS

SOLID WASTE DIVISION

CITY OF SACRAMENTO
CALIFORNIA

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August 19, 1997

City Council
Sacramento, California

Honorable Members in Session

SUBJECT: FUND TRANSFER OF \$100,000 FOR CIP YA36, LANDFILL GAS CONTROL PROGRAM

LOCATION and COUNCIL DISTRICT:

20 - 28th Street (City of Sacramento Landfill) - Council District #3

RECOMMENDATION:

This report recommends that City Council approve the attached Resolution amending the Capital Improvement Program (CIP) by transferring \$100,000 from Solid Waste Contingency Reserve to the Landfill Gas Control Program YA36.

CONTACT PERSON: Violet Jakab, Senior Engineer, Solid Waste, 264-7181

FOR THE COUNCIL MEETING OF: September 2, 1997

SUMMARY:

This CIP project involves construction of a flare for the destruction of excess landfill gas and prevention of landfill gas migration. The report recommends the transfer of funds needed to:

- tie the new flare to the existing flare
- construct a sound wall around the two flares in order to mitigate noise for nearby residences
- cover changes to the EMCON contract approved under City Manager authority; EMCON is coordinating and supervising installation and construction of the CIP
- install control system, piping and electrical to tie the existing flare and incorporate the existing blowers into the entire gas collection system

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COMMITTEE/COMMISSION ACTION: None

BACKGROUND INFORMATION:

Pertinent information regarding the City's landfill gas collection program is summarized below as background:

- The City of Sacramento Landfill is undergoing final closure construction during Spring and Summer 1997. New construction includes a clay cap over Waste Management Unit B (WMU-B), installation of 15 landfill gas (LFG) extraction wells in WMU-B and 66 perimeter LFG wells.
- The City landfill currently has one landfill gas flare, designed for burning 1,500 standard cubic feet per minute (scfm). Estimates are that up to 2,000 scfm will be produced, exceeding current flare capacity, thus necessitating the installation of a second flare unit. This second flare was approved by City Council.
- The LEA and the Regional Water Quality Control Board require that final closure comply with federal and state regulations and mitigate existing and future landfill gas migration. Failure to comply with the LEA Notice and Stipulated Order of Compliance may subject the City to civil penalties of up to \$10,000 per day.
- The Change Order approved June 17, 1997, by Council provided a sound wall around the facility to mitigate the additional noise and to tie the existing flare to the new flare. At that time, a budget adjustment was not requested; we need to do that now.
- The Change Order added \$48,400 to the cost of the construction project and to the landfill gas control program CIP which was already approved at \$1,278,046. At that time, it was believed that the unobligated fund balance in YA36 was nearly \$300,000, which would have been more than sufficient to cover the cost of the Change Order. However, it was later learned that the project balance is \$18,104 in the red due mainly to changes made under City Manager authority to the contract with EMCON, the vendor supervising and coordinating installation and construction of the CIP. When the change orders were made, there were no requests to move funds into the project.
- This report requests additional funds totaling \$100,000 which are needed to cover:
 - The additional cost of the flare construction project
(tie in new flare and construct sound wall) \$ 48,400

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- The deficit amount existing on the project due to change orders on the EMCON contract 18,104
 - control system, piping and electrical to tie the existing flare and incorporate the existing blowers into the entire system 33,496
- TOTAL \$100,000

FINANCIAL CONSIDERATIONS:

It is recommended \$100,000 be moved from the Solid Waste Contingency Reserve (415-710-7012-4999), which has a current balance of \$5,253,000, to the CIP for Landfill Gas Control (YA36).

ENVIRONMENTAL CONSIDERATIONS:

In accordance with the State Guidelines for implementation of the California Environmental Quality Act (CEQA) of 1970, the Planning Services Division, Environmental Section has reviewed the proposed project. This review has resulted in the determination that the proposed project will not have a significant adverse impact on the environment and a Negative Declaration was prepared and ratified by the City Council on December 3, 1996. This Negative Declaration asked for the mitigation of noise impacts from the flare, therefore asking for the construction of the sound wall.

POLICY CONSIDERATIONS:

Federal and State regulation requires the City to control landfill gas emissions and off-site migration of landfill gas. Compliance with Federal and State Regulations is consistent with the City Council's priority regarding public safety.

MBE/WBE: Not applicable.

Respectfully submitted,




Reina J. Schwartz
Manager, Solid Waste

RECOMMENDATION APPROVED:

Approved:



WILLIAM H. EDGAR
City Manager



Michael Kashiwagi
Director of Public Works

APPROVED
BY THE CITY COUNCIL

SEP 2 1997

OFFICE OF THE
CITY CLERK

RESOLUTION NO. 97-501

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

**RESOLUTION AMENDING THE 1997/2002 CIP BUDGET BY
TRANSFERRING \$100,000 FROM SOLID WASTE CONTINGENCY
RESERVE TO CIP LANDFILL GAS CONTROL PROGRAM (YA36)**

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

The 1997/2002 CIP Budget is amended by transferring \$100,000 from the Solid Waste Contingency Reserve (415-710-7012-4999) to CIP Landfill Gas Control Program (YA36).

MAYOR

ATTEST:

CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO.: _____

DATE ADOPTED: _____

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