

# Agenda Report

TO: CITY COUNCIL                      DATE: March 27, 2000

FROM: City Manager

SUBJECT: Amendment to Contract No. 17,163 for the Seismic Repair of Jones Reservoir  
(Hamilton Park)

## **RECOMMENDATIONS:**

It is recommended that the City Council authorize the City Manager to enter into an amendment to Contract Number 17,163 with G-2000 Construction, Inc. for repair of the Jones Reservoir increasing the contract "Not to Exceed" amount by \$100,000.00 from \$160,200.00 to \$260,200.00 because of unforeseen conditions, changed site conditions and additional work that was added to the project.

## **BACKGROUND:**

During the Citywide building inspection after the Northridge Earthquake in January 1994, inspection crews noticed that the Jones Reservoir had a damaged roof slab. The damaged roof slab consisted of concrete spalling of the soffit and rusting of the reinforcement bars along the East and West construction joints. On revisiting the reservoir in 1996, 1998 and 1999 it was noticed each time the condition had further deteriorated. The structural engineers came to the conclusion that if the reservoir was not repaired at this time, further damage would occur.

The reservoir has 2'-0" to 2'-6" of soil on the top of the roof. The contract includes excavating existing soil, cleaning and sealing the construction joints, waterproofing the roof slab, backfill, and repairing of concrete spalls at the soffit.

A contract for construction of the project was awarded to G-2000 by the City Council on December 13, 1999. The amount of the contract, including adjustments to estimated quantities and extra work covered by approved change orders, was \$160,200.00.

The construction contract amount was set up for the project as follows:

Base Bid	\$145,970.00
Contingency Allowance	<u>\$ 14,230.00</u>
Contract "Not to Exceed" Amount	\$160,200.00

The contract amendment is necessary to compensate the Contractor for \$100,000.00 in extra work and costs incurred as a result of unforeseen conditions, changed conditions and additional work added to the project. During excavation of the soil for the waterproofing process, staff noticed that there were spalls on the reservoir roof. These spalls had to be repaired before the waterproofing process and waterproofing membrane was installed. Also, once the contractor's workforce commenced work inside the reservoir, they performed a physical inspection of the soffit spall repairs which revealed that the quantity of repairs would at least triple from what was identified in the estimated quantities. The major reason for this large differential was that the initial inspection occurred from a raft in low lighting conditions, while water was in the reservoir and was only visual.

Approval of a contract amendment will increase the "Not to Exceed" amount by \$100,000.00 from \$160,200.00 to \$260,200.00 and will provide sufficient funds to allow this contract to be completed.

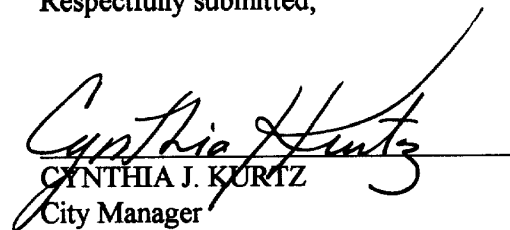
The contract will be revised as follows:

Base Bid	\$145,970.00
Contingency Allowance	<u>\$114,230.00</u>
Contract "Not to Exceed" Amount	\$260,200.00

**FISCAL IMPACT:**

Sufficient funds are available in the adopted FY 2000 Capital Improvement Program budget, account 1037, Reservoir Improvements. Staff has been notified by the Federal Emergency Management Agency (FEMA) that upon successful completion of this project, \$96,231.00 will be reimbursed through a Grant Acceleration Program (GAP).

Respectfully submitted,

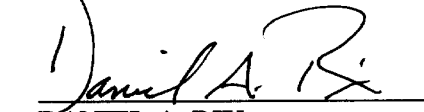
  
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