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APPROVED
BY THE CITY COUNCIL

DEC 2 1997

OFFICE OF THE
CITY CLERK
5770 FREEPORT BLVD.
SUITE 400
SACRAMENTO, CA
95822-2911

PH 916-433-6318
FAX 916-433-6652

DEPARTMENT OF
UTILITIES
ENGINEERING SERVICES

CITY OF SACRAMENTO
CALIFORNIA

November 19, 1997

City Council
Sacramento, California

Honorable Members in Session:

SUBJECT: INTERCONNECTION OF RESERVOIRS AT THE SACRAMENTO RIVER WATER TREATMENT PLANT (PN: ZD71) - TRANSFER OF FUNDS, APPROVAL OF CONTRACT CHANGE ORDER 3, RATIFICATION OF CITY MANAGER'S PRIOR ACTIONS, AND RESTORATION OF CITY MANAGER AUTHORITY

LOCATION AND COUNCIL DISTRICT:

This project is at the Sacramento River Water Treatment Plant (SRWTP), located north of the Southern Pacific Railyard and south of Richards Boulevard (District 1).

RECOMMENDATION:

Staff recommends that the City Council:

- Approve the transfer of \$128,250 from Base CIP Reserve (ZE46) to Interconnection of Reservoirs at the SRWTP (ZD71);
- Approve Change Order #3 with Steelhead Constructors (Contract #96-047) for \$117,910.81;
- Ratify the City Manager's prior actions executing all previous change orders for the Interconnection of Reservoirs at the SRWTP (ZD71); and
- Restore the City Manager's authority to issue change orders on this contract.

CONTACT PERSON:

Shawn H. O'Brien, Senior Engineer, 433-6290

Gary A. Reents, Engineering Services Manager, 433-6633

FOR COUNCIL MEETING OF: December 2, 1997

City Council
November 19, 1997
Interconnection of Reservoirs (PN: ZD71)

SUMMARY

On June 5, 1996, the City Clerk received bids from three contractors. Steelhead Constructors was the low bidder at \$417,777. Work is currently underway. Change order 3 is required for the project to function as intended.

COMMITTEE/COMMISSION ACTION

None.

BACKGROUND INFORMATION

This project involves the construction of a second 60-inch diameter water pipe connecting two existing reservoirs at the Sacramento River Water Treatment Plan. The installation of the second interconnection will alleviate large differences in water surface elevations between the two reservoirs that develop in the summer during high water demand.

Steelhead Constructors was awarded the project in June 1996. During construction, existing foundation soils were found to be unsuitable. Change Order 1 compensated the contractor for this extra work valued at \$6,430.70.

As work progressed, it became apparent that a leak existed in a portion of the line that the contractor was to tie into. Steelhead Constructors was directed to locate the source of the leak. This work, valued at \$6,500.00, was paid for by Change Order 2.

Repair of the leak requires the replacement of a section of pipe and modification of the valve structure at the end of the pipe. Change Order 3 will compensate the contractor for this work.

ENVIRONMENTAL DETERMINATION

The Environmental Services Division has determined that this project is categorically exempt pursuant to Section Number 15301(b) of the California Environmental Quality Act.

FINANCIAL CONSIDERATIONS

There is insufficient budget in the project (413-500-ZD71) to effect Change Order 3. The total project cost including design, construction, inspection and contingency is currently estimated at \$650,000. The current budget for this project (ZD71) is \$521,750. Staff recommends that \$128,250 be transferred to the project from Base CIP Reserve (413-500-ZE46-4414), which has an unobligated balance of \$147,451 as of November 12, 1997.

POLICY CONSIDERATIONS

This action is consistent with Chapter 58, Article III, Section 58.304 of the City Code concerning award of contracts.

MBE/WBE

This project included MBE/WBE participation goals of 10.57% MBE and 9.5% WBE, as required by Resolution No. 93-619, relating to MBE/WBE participation goals and policies adopted by the City Council on November 2, 1993. Award of contract is contingent upon the responsive low bidder either meeting the project MBE/WBE participation goals or making adequate good faith efforts towards meeting the project goals. Bids submitted which meet or exceed the MBE/WBE goals may be eligible for bid price preference up to a maximum of 7% or \$25,000, whichever is lower.

The MBE/WBE participation achieved by all bidders, as identified in their bids, is listed in the following table:

| Contractor | Bid Amount (\$) | MBE | | WBE | | Good Faith Efforts Documented |
|------------------------------------|-----------------|--------|-------|--------|-------|-------------------------------|
| | | \$ | % | \$ | % | |
| Steelhead Constructors | 417,777 | 0 | 0 | 0 | 0 | Yes |
| T & S Construction Co. Inc. | 420,000 | 0 | 0 | 43,200 | 10.28 | Yes, inadequate |
| JJM Engineering Constructors, Inc. | 489,512 | 58,800 | 12.01 | 51,885 | 10.60 | N/A |

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Currently, the Department of Utilities overall MBE/WBE participation is 18.99% MBE and 16.16% WBE.

Respectfully submitted,



Gary A. Reents
Engineering Services Division Manager

RECOMMENDATION APPROVED:



WILLIAM H. EDGAR
City Manager

APPROVED:



JAMES G. SEQUEIRA
Director of Utilities

RESOLUTION NO. 97-655

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

APPROVED
BY THE CITY COUNCIL

DEC 2 1997

OFFICE OF THE
CITY CLERK

RESOLUTION APPROVING THE TRANSFER OF FUNDS, APPROVAL OF CONTRACT CHANGE ORDER 3, RATIFICATION OF CITY MANAGER'S PRIOR ACTIONS, AND RESTORATION OF CITY MANAGER AUTHORITY FOR THE INTERCONNECTION OF RESERVOIRS AT THE SACRAMENTO RIVER WATER TREATMENT PLANT (PN: ZD71)

BE IT RESOLVED BY THE SACRAMENTO CITY COUNCIL THAT:

1. Funds in the amount of \$128,250 are transferred from Base CIP Reserve (413-500-ZE46-4414) to Interconnection of Reservoirs at the Sacramento River Water Treatment Plant (413-500-ZD71-4820).
2. The City Manager and City Clerk are authorized to sign and execute Contract Change Order 3 with Steelhead Constructors for the amount of \$117,910.81 for the Interconnection of Reservoirs at the Sacramento River Water Treatment Plant (PN:ZD71).
3. Ratify the City Manager's prior actions executing all previous change orders for the Interconnection of Reservoirs at the SRWTP (ZD71).
4. Restore the City Manager's authority to issue change orders on this contract.

MAYOR

ATTEST:

CITY CLERK

BASE CIP RESERVE

| | |
|---------------|-------|
| PROJECT#: | ZE46 |
| FY Initiated: | 94/95 |

Location
City Wide

Council District:

Citywide 1 2 3 4 5 6 7 8

Neighborhood Area:

Citywide NA1 NA2 NA3 NA4

Planning Area:

N/A Citywide PA1 PA2 PA3 PA4 PA5 PA6 PA7 PA8 PA9 PA10 PA11

Project Description

Reserve funds for unforeseen capital program needs.

Project Objectives

To facilitate completion of capital projects by reserving appropriations for minor overruns.
To provide a source of funds for small projects that could not be anticipated before the start of the fiscal year.

Existing Situation

Not all needs in the Capital Improvement Program can be anticipated and funded at the start of the fiscal year. During any year situations arise that require the expenditure of capital funds for the most cost-effective resolution. In such cases, funding is transferred from this project; unallocated funding is removed at the end of the fiscal year.

Operating Budget Impact

None

| Amended | Fund Source | Budget through 6/96 | Estimated Balance 6/96 | Five Year Funding | | | | |
|--------------|-------------|---------------------|------------------------|-------------------|-----------------|----------------|----------------|----------------|
| | | | | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 |
| 7/1/97 | Water | 45,000 | 45,000 | 925,495 | -343,483 | 400,000 | 400,000 | 400,000 |
| 07/23/96 | Water | 0 | 0 | -50,000 | 0 | 0 | 0 | 0 |
| 09/10/96 | Water | 0 | 0 | -21,000 | 0 | 0 | 0 | 0 |
| 11/12/96 | Water | 0 | 0 | -186,529 | 0 | 0 | 0 | 0 |
| 04/07/97 | Water | 0 | 0 | 30,465 | 0 | 0 | 0 | 0 |
| 6/24/97 | Water | 0 | 0 | -15,500 | 0 | 0 | 0 | 0 |
| 7/25/97 | Water | 0 | 0 | 0 | -2,239 | 0 | 0 | 0 |
| 08/05/97 | Water | 0 | 0 | 0 | -220,000 | 0 | 0 | 0 |
| 12/02/97 | Water | 0 | 0 | 0 | -128,250 | 0 | 0 | 0 |
| TOTAL | | 45,000 | 45,000 | 682,931 | -693,972 | 400,000 | 400,000 | 400,000 |



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BASE CIP RESERVE

Project #: ZE46

Additional Project Comments

- Transferred to ZD56 \$21,000 on 9/10/96.
- Transferred to ZF31 \$186,529 on 11/12/96.
- Transferred from ZD61 \$826 on 4/7/97.
- Transferred from ZD81 \$4,639 on 4/7/97.
- Transferred from ZE86 \$25,000 on 4/7/97
- Transferred to ZD51 15,500 on 6/24/97
- Transferred to ZD56, 2,239 on 7/25/97
- Transferred to ZB63 220,000 on 08/05/97
- Transferred to ZD71 128,250 on 12/2/97



RESERVOIR INTRC PIPE-SRWTP

| | |
|---------------|-------|
| PROJECT#: | ZD71 |
| FY Initiated: | 91/92 |

Location
Sacramento River Water Treatment Plant

Council District:
 Citywide
 1
 2
 3
 4
 5
 6
 7
 8

Neighborhood Area:
 Citywide
 NA1
 NA2
 NA3
 NA4

Planning Area:
 N/A
 Citywide
 PA1
 PA2
 PA3
 PA4
 PA5
 PA6
 PA7
 PA8
 PA9
 PA10
 PA11

Project Description
Construct 250 linear feet of 60-inch diameter steel pipe between the filtered water reservoirs at the Sacramento River Water Treatment Plant.

Project Objectives
To maximize the use of the Sacramento Water Treatment Plant's production capability.

Existing Situation
The City has expanded the water production capability of the Sacramento Treatment Plant, but that capability cannot be fully used until the existing 60-inch pipeline is supplemented with a second 60-inch diameter pipe between the 9.5 and 5.0 mgal water storage reservoirs. The project is intended to reduce the approximately two foot of difference in water surface elevations in the two reservoirs that occurs during the summer months at periods of high water demand. The present condition with one 60-inch pipe between the two reservoirs puts a limit on the ability to pump treated water into the City's water distribution system from the SRWTP.

Operating Budget Impact
There will not be any additional costs to the operations budget; resources will be reallocated to other requirements.

| Amended | Fund Source | Budget through 6/96 | Estimated Balance 6/96 | Five Year Funding | | | | |
|----------|--------------|---------------------|------------------------|-------------------|----------------|----------|----------|----------|
| | | | | 1996-97 | 1997-98 | 1998-99 | 1999-00 | 2000-01 |
| | Water | 471,750 | 11,750 | 0 | 0 | 0 | 0 | 0 |
| 07/23/96 | Water | 0 | 0 | 50,000 | 0 | 0 | 0 | 0 |
| 12/02/97 | Water | 0 | 0 | 0 | 128,250 | 0 | 0 | 0 |
| | TOTAL | 471,750 | 11,750 | 50,000 | 128,250 | 0 | 0 | 0 |

