



1.8

DEPARTMENT OF  
UTILITIES  
ENGINEERING SERVICES

CITY OF SACRAMENTO  
CALIFORNIA

5770 FREEPORT BLVD.  
SUITE 100  
SACRAMENTO, CA  
95822-2911

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

October 30, 1996

City Council  
Sacramento, California

Honorable Members in Session:

**SUBJECT: SACRAMENTO RIVER WATER TREATMENT PLANT HEADHOUSE REHABILITATION PROJECT (PN: ZD91) - SUSPENSION OF COMPETITIVE BIDDING AND CONSTRUCTION CONTRACT AWARD TO TRP CONSTRUCTION.**

**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:**

This report recommends that the City Council:

- In the best interest of the City, suspend competitive bidding.
- Authorize execution of a construction contract for an amount not to exceed \$609,623.

**CONTACT PERSON:** Candace A. McGahan, Senior Engineer, 433-6617

**FOR COUNCIL MEETING OF:** November 19, 1996



City Council  
SRWTP Headhouse Rehabilitation Project  
October 30, 1996

## SUMMARY

A construction contract has been negotiated with TRP Construction for a not-to-exceed amount of \$609,623. TRP Construction has put together a team of subcontractors with highly specialized skills whose intimate knowledge of the Headhouse problems is vital for successful completion of the project. Because of the difficulty in writing a specification which can draw out contractors with these attributes, the sensitive nature of the project, and time limitations on construction, staff believes that it is in the best interest of the City to suspend competitive bidding and award this contract to TRP Construction.

## COMMITTEE/COMMISSION ACTION

Not applicable.

## BACKGROUND INFORMATION

In September 1993, the SRWTP Headhouse, which houses the filter wash water storage tank and the plant control room, was inspected as part of project scoping for a State Bond Act grant application. The following structural deficiencies were noted:

- Headhouse, due to the weight of water in the storage tank, out of compliance with current seismic building requirements.
- Steel reinforcement and concrete in basement columns and walls significantly cracked, spalled and corroded due to past manufacture of chlorine.
- Failures of repair work performed earlier.
- Hoop and rivet stresses for the wash water tank in excess of allowable stress.

The State did not fund the grant. However, deterioration of the Headhouse continued and, in the last year, at an accelerated rate. The deficiencies created a safety hazard to plant operators and maintenance personnel, and jeopardized continuous operation of the plant.

A consultant services agreement with JDC Associates was approved by City Council on June 13, 1996 which provided for:

- A comprehensive investigation to fully define the extent of the structural problems.
- Intermediate actions to minimize immediate safety hazards.
- Construction contract documents for permanent repair of problems identified in the investigation.

**City Council  
SRWTP Headhouse Rehabilitation Project  
October 30, 1996**

In August 1996, City Council approved a supplemental agreement with JDC Associates to further stabilize the water piping and the salt gallery which, upon investigation, had damage more severe and threatening than originally thought. Permanent repairs were to be made during the winter shut down of the plant.

The construction contract documents have been prepared. The nature of the work, which includes cathodic protection, column and wall strengthening with epoxy and glass fiber wrap, foundation stabilization grouting and the placement of steel rigid frames, is highly specialized and will be conducted in confined areas filled with components critical to operation of the SRWTP. Most of the project is to be constructed between early December and mid-March when the plant is out of operation.

TRP Construction is thoroughly familiar with the sensitive site conditions, has crews versed in the specialized techniques being used, can construct within the narrow time frame beginning on December 1, and has negotiated a fair price. Staff believes it is in the best interest of the City to suspend competitive bidding and award a contract to TRP Construction.

#### **ENVIRONMENTAL DETERMINATION**

The Planning Services Division, Environmental Section has reviewed the project and determined that this project is exempt from the California Environmental Quality Act (CEQA) under Section 15301 (a) and (d) of the CEQA Guidelines. The project involves the repair and maintenance of an existing public facility with no expansion of use beyond that existing. The project involves alterations and restoration of a deteriorated facility to meet current standards of public health and safety.

#### **FINANCIAL CONSIDERATIONS**

Funds sufficient for this project are available in the Water Fund Capital Improvement Program (413-500-ZD91). The unobligated balance in the project is \$1,870,760 as of October 30, 1996. The construction contract with TRP Construction will be for an amount not to exceed \$609,623.

#### **POLICY CONSIDERATIONS**

City Code Section 58.04.401(d) allows suspension of competitive bidding if the City Council determines on a two-thirds vote that it is in the best interest of the City. Staff recommends that competitive bidding be suspended and that TRP Construction be selected on a sole source basis to perform construction work involved with rehabilitation of the SRWTP Headhouse for the following reasons:

- Availability of crews with specialized skills.
- Familiarity with site conditions from previous work.

City Council  
SRWTP Headhouse Rehabilitation Project  
October 30, 1996

- Ability to fast track the project to allow for completion of permanent repairs during the SRWTP 1996/97 winter shutdown due.

**MBE/WBE**

TRP Construction is meeting the City's goals for minority business enterprise (MBE) participation with the City certified MBE subcontractors, Alternative Structural Technology and Garcias Metal Specialties, Inc. Alternative Structural Technology will provide 42% or \$255,949 of the total construction costs. Garcias Metal Specialties, Inc. will provide 26.3% or \$160,500 of the total construction costs for a total MBE participation of 68.3%.

The women business enterprise (WBE) goal of 9.5% will not be met. However, the total level of MBE/WBE participation in construction contracts achieved by the Department of Utilities as of the first quarter of FY 1997 is 14.44% MBE and 11.51% WBE.


Respectfully submitted,



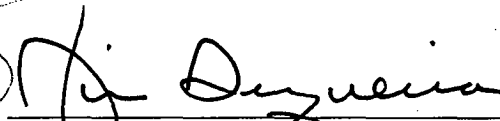
Gary A. Reents  
Engineering Services Manager

RECOMMENDATION APPROVED:

APPROVED



WILLIAM H. EDGAR  
City Manager



JAMES G. SEQUEIRA  
Director of Utilities

# RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF \_\_\_\_\_

RESOLUTION TO SUSPEND COMPETITIVE BIDDING AND AUTHORIZE THE CITY MANAGER AND CITY CLERK TO EXECUTE A CONTRACT WITH TRP CONSTRUCTION FOR THE SACRAMENTO RIVER WATER TREATMENT PLANT HEADHOUSE REHABILITATION PROJECT FOR AN AMOUNT NOT TO EXCEED \$609,623 (PN: ZD91)

BE IT RESOLVED BY THE SACRAMENTO CITY COUNCIL THAT:

1. In the best interest of the City, competitive bidding is hereby suspended for the above project.
2. The City Manager and City Clerk are hereby authorized to sign and execute a construction contract with TRP Construction for the Sacramento River Water Treatment Plant Headhouse Rehabilitation Project for an amount not to exceed \$609,623 (PN: ZD91)

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
**FOR CITY CLERK USE ONLY**

RESOLUTION NO. \_\_\_\_\_

DATE ADOPTED: \_\_\_\_\_