



**APPROVED**  
MAR 12 2002  
OFFICE OF THE  
CITY CLERK

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DEPARTMENT  
OF UTILITIES

ENGINEERING  
SERVICES DIVISION

CITY OF SACRAMENTO  
CALIFORNIA

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February 11, 2002

City Council  
Sacramento, California

Honorable Members in Session:

**SUBJECT: SACRAMENTO RIVER WATER TREATMENT PLANT EXPANSION  
PROJECT (ZF52) - APPROVAL OF SUPPLEMENTAL AGREEMENT NO.  
1 TO THE AGREEMENT WITH MWH AMERICAS, INC. FOR AN AMOUNT  
NOT TO EXCEED \$85,000**

**LOCATION AND COUNCIL DISTRICT:**

Citywide: Sacramento River Water Treatment Plant

**RECOMMENDATION:**

Staff recommends that the City Council approve Supplemental Agreement No. 1 (City Agreement No. 2001-173) with MWH Americas, Inc. for an amount not to exceed \$10,181,540.

**CONTACT PERSON:**

Garv A. Reents, Engineering Services Manager, 264-1433  
Gary E. Gosse, Supervising Engineer, 264-1426

**FOR COUNCIL MEETING OF:** March 12, 2002

**SUMMARY:**

On October 16, 2001, City Council approved a Consultant Services Agreement with MWH Americas, Inc., in the amount \$10,181,540. The scope of services of the consultant agreement is for the performance of construction management and engineering support for the Sacramento River Water Treatment Plant Expansion Project. Authorization for the City Manager and City Clerk to execute Supplemental Agreement No. 1 is requested.

**COMMITTEE ACTION:** None



CITY OF SACRAMENTO  
DEPARTMENT  
OF UTILITIES

*Making a Difference in Your Neighborhood*

City Council  
February 11, 2002  
Approval of Supplemental Agreement No. 1

**BACKGROUND:**

Through an open Request for Qualifications process, MWH Americas, Inc., was selected to provide final design of the Sacramento River Water Treatment Expansion (WTP) project. MWH Americas is also providing the services of construction inspection and contract management support during the construction of the treatment plant expansion project.

Supplemental Agreement No. 1 covers additional engineering services by MWH Americas, Inc., to deal with unsuitable soils encountered on the Sacramento River WTP site during clearing and grading operations. Portions of the plant site have had different land uses prior to being developed as a water treatment plant in the early 1920s.

The additional services to be provided by MWH Americas are related to construction management support but were not anticipated at the time the original scope of services was developed. The additional services involve:

- \* Characterization of existing soils by sampling and laboratory analysis.
- \* Redesign of certain new facilities (retaining wall foundations and select sludge ponds) so as to reduce intrusive excavation into existing ground.

**FINANCIAL CONSIDERATIONS:**

The estimated cost of Supplemental Agreement No. 1 with MWH Americas, Inc. is \$85,000. There are sufficient funds in the Sacramento River Water Treatment Plant Expansion Construction Project (413-500-ZF52-4820) to execute and administer this Supplemental Agreement No. 1.

**ENVIRONMENTAL CONSIDERATIONS**

A Draft Environmental Impact Report for the City's water facilities expansion projects including capacity expansion of the Sacramento River Water Treatment Plant was prepared and circulated consistent with the California Environmental Quality Act. A Final Environmental Impact Report, Findings of Fact, and Mitigation, Monitoring, and Reporting Plan was adopted by the City Council on November 28, 2000. A Notice of Determination was filed with the Sacramento County Clerk/Recorder on November 28, 2000, with the 30-day protest period ending on December 28, 2000.

**POLICY CONSIDERATIONS:**

The Water Facilities Expansion Project involving capacity increases of the E A Fairbairn and the Sacramento River Water Treatment Plants are consistent with the City's General Plan and Sacramento Area Water Forum commitments.

City Council  
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Approval of Supplemental Agreement No. 1

**ESBD CONSIDERATIONS:**

In the scope of services of the original construction management consultant agreement, MWH Americas had identified the tasks of control system programming, geotech, landscape design, materials testing, hazardous waste assessment HVAC, surveying, and partnering) that could be subcontracted. The identified subconsultant work has a value of \$3,888,946 and constitutes 38.2 percent of the contract management and construction inspection work.

Respectfully submitted,



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Gary A. Reents  
Engineering Services Manager

RECOMMENDATION APPROVED



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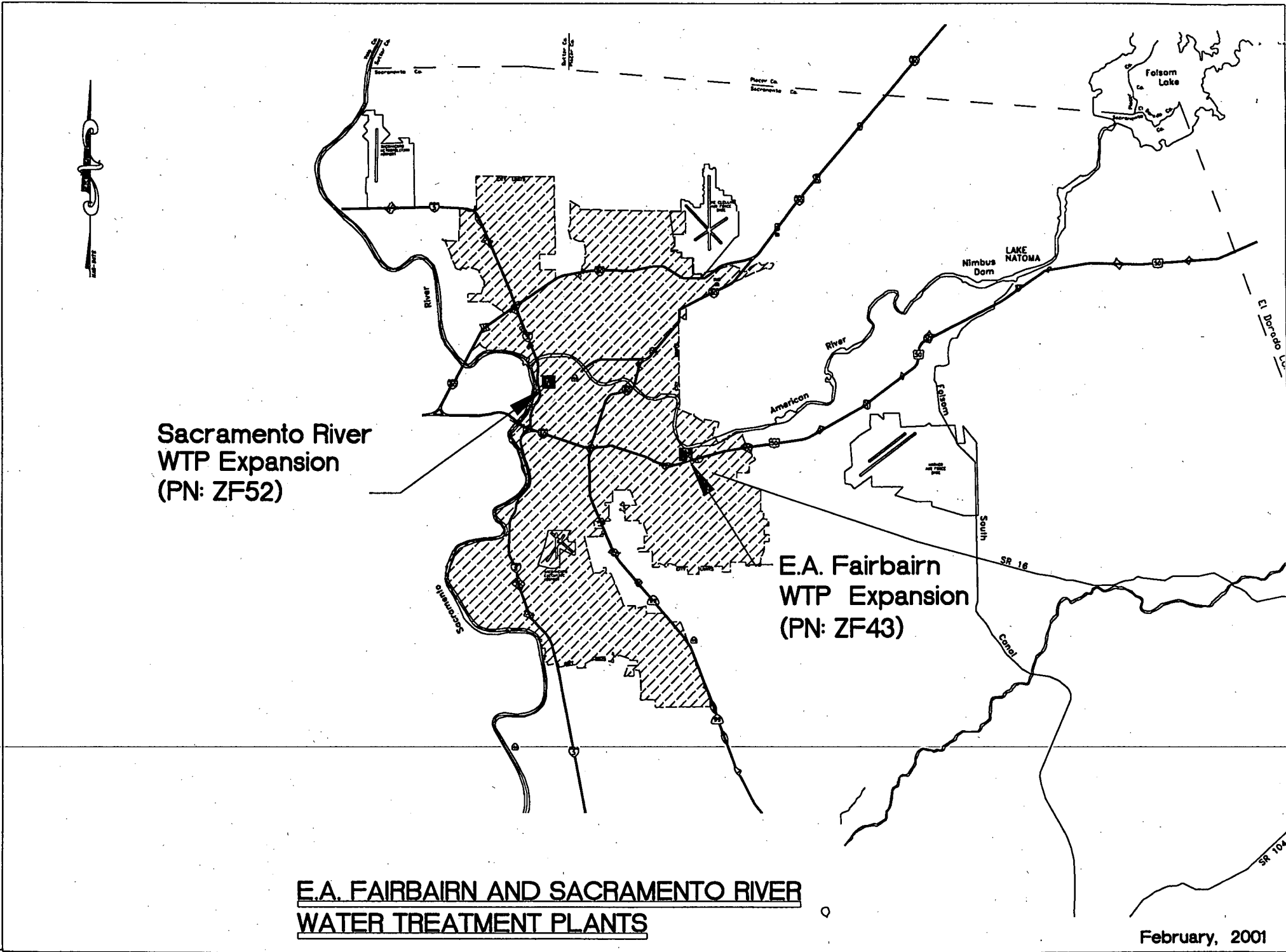
Robert R. Thomas  
City Manager

APPROVED



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James G. Sequeira  
Director of Utilities



**Sacramento River  
WTP Expansion  
(PN: ZF52)**

**E.A. Fairbairn  
WTP Expansion  
(PN: ZF43)**

**E.A. FAIRBAIRN AND SACRAMENTO RIVER  
WATER TREATMENT PLANTS**

**APPROVED**

MAR 1 2 2002

OFFICE OF THE  
CITY CLERK

**RESOLUTION NO. 2002-131**

ADOPTED BY THE SACRAMENTO CITY COUNCIL

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

**RESOLUTION AUTHORIZING THE CITY MANAGER AND CITY CLERK TO EXECUTE SUPPLEMENTAL AGREEMENT NO. 1 WITH MWH AMERICAS, INC., FOR ADDITIONAL SERVICES RELATED TO CONTRACT MANAGEMENT AND CONSTRUCTION INSPECTION OF THE SACRAMENTO RIVER WATER TREATMENT PLANT EXPANSION PROJECT (ZF52) FOR AN AMOUNT NOT TO EXCEED \$85,000**

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

The City Manager and City Clerk are hereby authorized to sign and execute Supplemental Agreement No. 1 with MWH Americas, Inc, for Additional Engineering Services as part of Contract Management and Construction Inspection of the Sacramento River Water Treatment Plant for an amount not to exceed \$85,000.

\_\_\_\_\_  
MAYOR

ATTEST:

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

**FOR CITY CLERK USE ONLY**

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

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