



APPROVED
BY THE CITY COUNCIL

1.8

OCT 5 1999

OFFICE OF THE
CITY CLERK

A699-166

DEPARTMENT OF
UTILITIES
ENGINEERING SERVICES

CITY OF SACRAMENTO
CALIFORNIA

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SACRAMENTO, CA
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September 9, 1999

City Council
Sacramento, California

Honorable Members in Session

SUBJECT: E. A. FAIRBAIRN WATER TREATMENT PLANT INTAKE MODIFICATION PROJECT (PN:ZF46) - APPROVE A CONSULTANT SERVICES AGREEMENT WITH MONTGOMERY WATSON FOR FINAL DESIGN FOR A NOT-TO-EXCEED AMOUNT OF \$849,657

LOCATION AND COUNCIL DISTRICT:

Citywide (See attached location map)

RECOMMENDATION:

Staff recommends that the City Council authorize the City Manager and City Clerk to execute a Consultant Services Agreement with Montgomery Watson for design of E. A. Fairbairn WTP Intake Modification for a not-to-exceed amount of \$849,657.

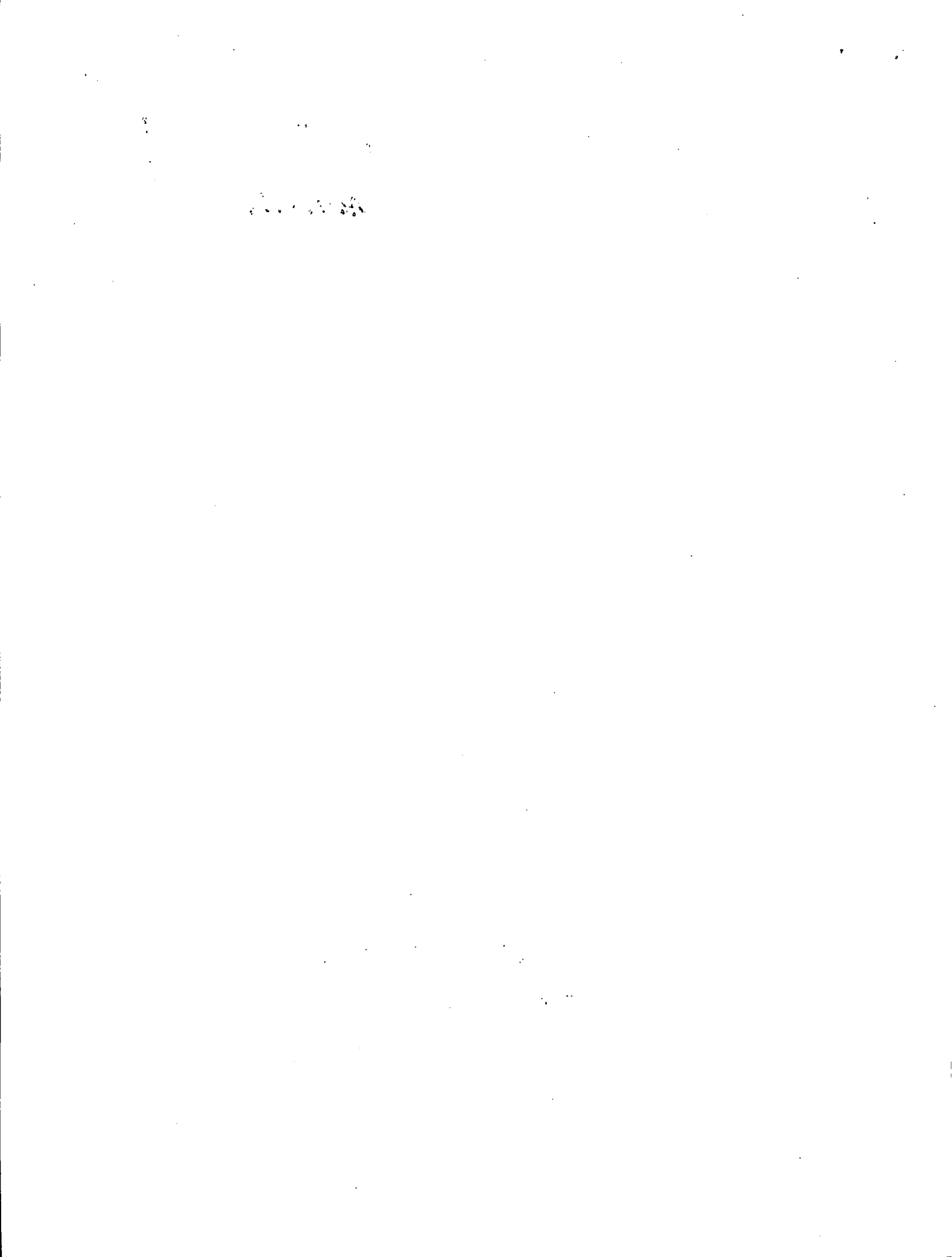
CONTACT PERSON:

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

FOR COUNCIL MEETING OF: October 5, 1999

SUMMARY:

Staff has negotiated a Consultant Services Agreement with Montgomery Watson to perform final engineering design for intake pump station modification at the E. A. Fairbairn



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Water Treatment Plant. Authorization for the City Manager and City Clerk to execute the agreement is requested.

COMMITTEE / COMMISSION ACTION:

None

BACKGROUND INFORMATION:

Pre-design studies have been updated for a 60 million gallon per day (mgd) expansion of the Sacramento River Water Treatment Plant (1998) and a 100 mgd expansion of the E. A. Fairbairn Water Treatment Plant (1997). The scope of a project to modify the intake pump station and to replace the fish screens at the E. A. Fairbairn Water Treatment Plant (Fairbairn WTP) is sufficiently defined to allow final design to proceed and to prepare plans, specifications, and a construction cost estimate.

On May 20, 1998, a request for statement of qualifications was issued for the design of four City water facility expansion projects consisting of:

- * Expansion of E. A. Fairbairn Water Treatment Plant (PN:ZF41)
- * Expansion of Sacramento River Water Treatment Plant (PN:ZF51)
- * Modification of the E. A. Fairbairn Water Treatment Plant Intake Pump Station (PN:ZF46)
- * Replacement Intake for the Sacramento River Water Treatment Plant (PN:ZF56)

A short list of four engineering consulting firms was developed from the qualification statements received. In August and September of 1998, City staff members of the consultant selection committee made site visits to the water treatment plants designed by key project team members of the four short-listed consultants. Consultant interviews were held on September 11, 1998.

Based on the results of the plant site visits and the consultant oral presentations, the consensus of the City's consultant selection committee was that the project team of Montgomery Watson in combination with Carollo Engineers and CH2M-Hill be selected for the design of the four City water facility expansion projects.

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The four projects are being designed and constructed in phases leading off with the expansion of the Sacramento River WTP. Consultant service agreements executed to date for the four City water facility projects are:

- * Overall Project and Contract Management (Montgomery Watson)
- * Sacramento River WTP Expansion Project (Montgomery Watson)
- * Sacramento River WTP Replacement Intake (CH2M-Hill)
- * E. A. Fairbairn Water Treatment Plant Expansion Project (Carollo Engineers)

FINANCIAL CONSIDERATIONS:

The estimated cost of the Consultant Services Agreement with Carollo Engineers is \$849,657. The E. A. Fairbairn WTP Intake Modification Project (413-500-ZF46) has an unobligated balance of \$1,512,055 as of September 20, 1999. There are sufficient unobligated funds in the project to award and administer this Consultant Services Agreement.

ENVIRONMENTAL CONSIDERATIONS:

An Environmental Assessment for the City's water intake fish screen replacement projects is being prepared consistent with the National Environmental Policy Act and the California Environmental Quality Act. The Environmental Assessment will be presented to the City Council for approval prior to construction of the E. A. Fairbairn WTP Intake Modification Project.

POLICY CONSIDERATIONS:

The joint venture of Montgomery Watson with Carollo Engineers and CH2M-Hill was selected to perform design work on the City's four water facilities expansion projects, including the E. A. Fairbairn WTP Intake Modification, through an open Request for Qualifications (RFQ) process.

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ESBD CONSIDERATIONS:

The project team of Montgomery Watson includes 24.1 percent emerging and small business development (ESBD) participation. This exceeds the project goal of 20 percent as set forth in City Ordinance No. 99-007 and Resolution No. 99-099.

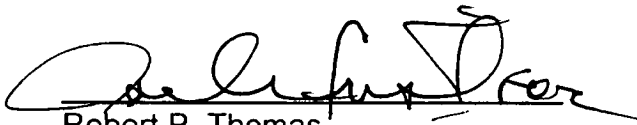
In their scope of services, Montgomery Watson identified the tasks of river hydraulics, geotech, surveying, architecture, HVAC, and hazardous materials investigation that could be subcontracted. Where possible, Montgomery Watson has retained the services of State certified ESBD firms to perform the identified subcontract work. A description of Montgomery Watson efforts for ESBD participation is covered in a letter attached to this report.

Respectively submitted,



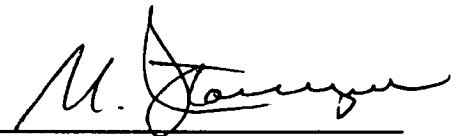
Gary A. Reents
Engineering Services Manager

RECOMMENDATION APPROVED:



Robert P. Thomas
City Manager

APPROVED:



For James G. Sequeira
Director of Utilities

GA Rents

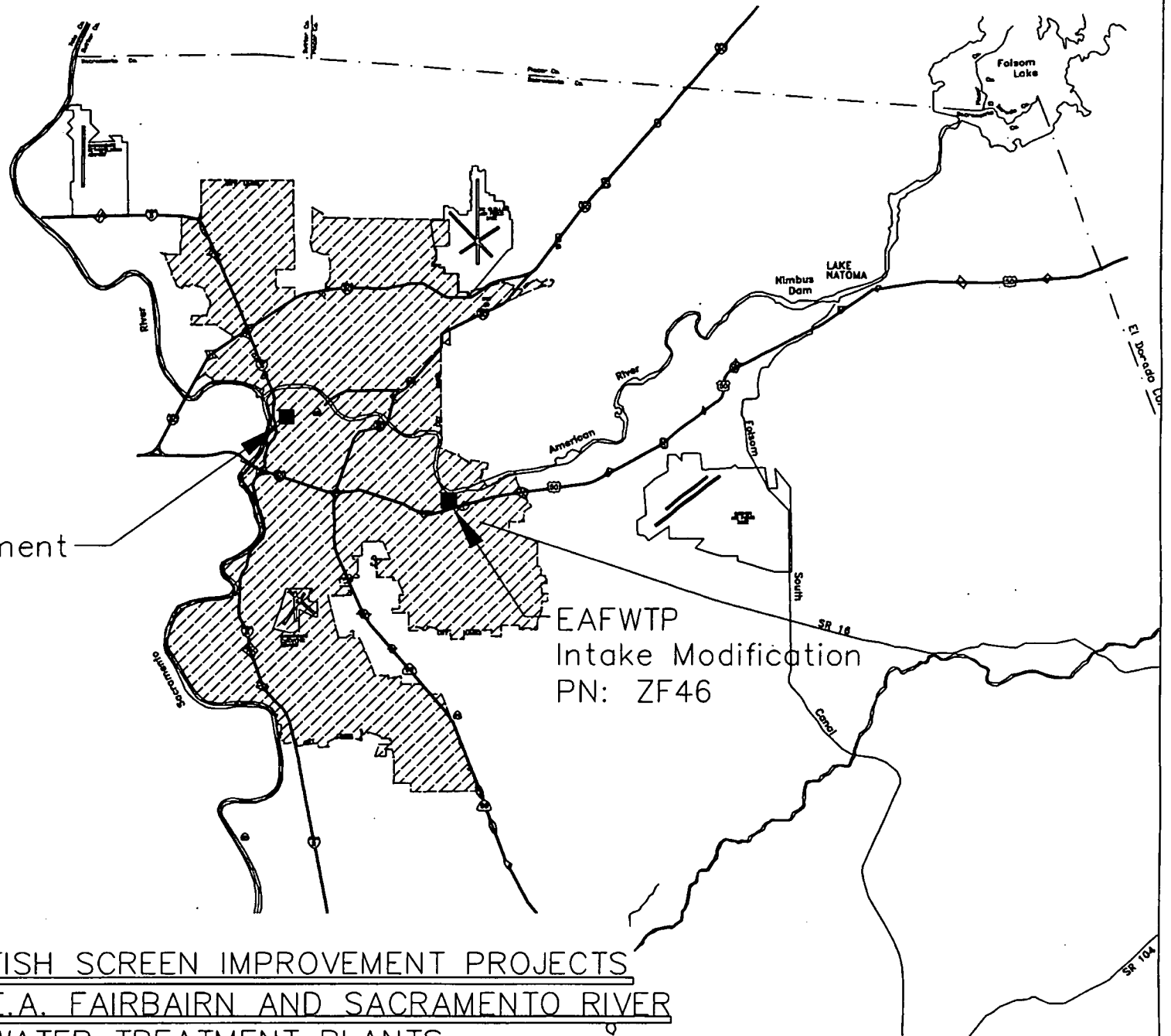


SRWTP
Intake Replacement

EAFWTP
Intake Modification
PN: ZF46

FISH SCREEN IMPROVEMENT PROJECTS
E.A. FAIRBAIRN AND SACRAMENTO RIVER
WATER TREATMENT PLANTS

August 1999



RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

RESOLUTION TO AUTHORIZE THE CITY MANAGER AND CITY CLERK TO EXECUTE A CONSULTANT SERVICES AGREEMENT WITH MONTGOMERY WATSON FOR THE DESIGN OF THE E. A. FAIRBAIRN WATER TREATMENT PLANT INTAKE MODIFICATION PROJECT (PN:ZF46) FOR A NOT-TO-EXCEED AMOUNT OF \$849,657.

BE IT RESOLVED BY THE SACRAMENTO CITY COUNCIL THAT:

The City Manager and City Clerk are authorized to sign and execute a Consultant Services Agreement with Montgomery Watson for final engineering design of the E. A. Fairbairn Water Treatment Plant Intake Modification Project for an amount not-to-exceed \$849,657.

MAYOR

ATTEST:

CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO. _____

DATE ADOPTED: _____