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DEPARTMENT OF
UTILITIES

ENGINEERING SERVICES

CITY OF SACRAMENTO
CALIFORNIA

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November 24, 1998

APPROVED
BY THE CITY COUNCIL

City Council
Sacramento, California

DEC 8 1998

OFFICE OF THE
CITY CLERK

AG 98-217

Honorable Members in Session

SUBJECT: SACRAMENTO RIVER WATER TREATMENT PLANT EXPANSION PROJECT (PN:ZF51) - TRANSFER FUNDS AND APPROVE A CONSULTANT SERVICES AGREEMENT WITH MONTGOMERY WATSON AMERICAS, INC., FOR FINAL DESIGN FOR A NOT-TO-EXCEED AMOUNT OF \$3,698,662

LOCATION AND COUNCIL DISTRICT: Citywide

RECOMMENDATION:

Staff recommends that the City Council authorize the transfer of funds to the Sacramento River Water Treatment Plant Expansion Project and authorize the City Manager and City Clerk to execute a Consultant Services Agreement with Montgomery Watson Americas, Inc., for final engineering design.

CONTACT PERSON: Gary A Reents, Engineering Services Manager, 264-1433
Gary E Gosse, Supervising Engineer, 264-1426

FOR COUNCIL MEETING OF: December 8, 1998

SUMMARY:

Staff has negotiated a Consultant Services Agreement with Montgomery Watson Americas to perform final engineering design for treatment capacity expansion of the Sacramento River Water Treatment Plant. Authorization for the City Manager and City Clerk to execute the agreement is requested.

City Council
November 24, 1998
Approval of Consultant Services Agreement

COMMITTEE / COMMISSION ACTION:

None

BACKGROUND INFORMATION:

Pre-design studies have been updated for a 60 mgd expansion of the Sacramento (1998) and a 100 mgd expansion of the E A Fairbairn Water Treatment Plant (1997). As a result of the updated pre-design work, the scope of a project to expand the treatment capacity of the Sacramento River Water Treatment Plant (Sacramento River WTP) is sufficiently defined to allow final design and preparation of plans, specifications, and a construction cost estimate to proceed. Design work for the expansion of the E A Fairbairn WTP will proceed at a later date.

On May 20, 1998 a request for statement of qualifications was issued for design of City of Sacramento's water facilities expansion projects including:

- * 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. Site visits to water treatment plants designed by key project team members of the short-listed consultants were made by City staff members of the consultant selection committee in August and early September. 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 projects.

The four projects will be designed and constructed in phases leading off with the expansion of the Sacramento River WTP. The first phase work will also include the design of a replacement intake and access bridge for the Sacramento River WTP. Soon to follow will be a project to modify the intake at the Fairbairn WTP. Both water intake projects involve upgrading the fish screens to meet current standards.

City Council
November 24, 1998
Approval of Consultant Services Agreement

For the first project phase, consultant service agreements will need to be executed with Montgomery Watson for:

- * Overall Project and Contract Management
- * Design of Sacramento River WTP Expansion Project

Another separate Consultant Services Agreement is to be executed with CH2M-Hill for the design of the Sacramento River WTP Replacement Intake.

FINANCIAL CONSIDERATIONS:

The estimated cost of the Consultant Services Agreement with Montgomery Watson, for the design of Sacramento River WTP Expansion project is \$3,698,662. The Sacramento River WTP Expansion project (413-500-ZF51-4802), initially funded in March 1997 by amendment to the FY 1996-97 Capital Improvement Program, has an unobligated balance of \$979,519 as of November 13, 1998. Staff recommends that funds in the amount of \$3,500,000 be transferred to the Sacramento River WTP Expansion project from Treatment Capacity Expansion Reserve (413-500-ZE22-4820) which has an unobligated balance of \$14,924,036 as of November 13, 1998.

ENVIRONMENTAL CONSIDERATIONS:

An Environmental Impact Report for the City's water facilities expansion projects is being prepared consistent with the California Environmental Quality Act. The EIR will be presented to the City Council for approval prior to construction of the Sacramento River WTP Expansion project.

POLICY CONSIDERATIONS:

The firm of Montgomery Watson was selected to perform design work on the Sacramento River WTP Expansion project through an open request for qualifications (RFQ) process.

City Council
November 24, 1998
Approval of Consultant Services Agreement

MBE / WBE:

All potential consultants were informed of the City's policy to have MBE and WBE participation. The project team of Montgomery Watson includes 6.2 percent MBE and 6.8 percent WBE participation.

AGS, Inc (MBE)
Psomas & Associates (MBE)
Edward J Rios & Assoc (MBE)
Villalobas & Associates (MBE)

Koski & Sullivan (WBE)
Cynthia Easton (WBE)

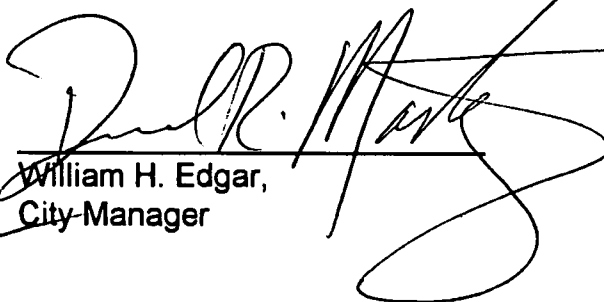
Montgomery Watson identified the tasks in the scope of services (tunneling, geotech, surveying, HVAC, landscaping, corrosion protection, architecture, and hazardous materials investigation) that could be subcontracted. The identified subcontracted work constituted 15.2 percent of the total value of the design work. Although City goals of 10.57 percent MBE and 9.5 percent WBE were not met Montgomery Watson has retained the services of City certified MBE / WBE firms where possible. A description of Montgomery Watson's efforts for MBE / WBE participation is covered in their letter, a copy of which is attached to this report.

Respectively submitted,



Gary A. Reents,
Engineering Services Manager

RECOMMENDATION APPROVED:



for
William H. Edgar,
City Manager

APPROVED:



James G. Sequeira,
Director of Utilities

Handwritten signature or initials, possibly "D. J. A. D."

**MONTGOMERY WATSON**

November 24, 1998

City of Sacramento
Department of Utilities
Engineering Services
1395 35th Avenue
Sacramento, CA 95822-2911

Attention: Mr. Gary Gosse
Supervising Engineer

Subject: Sacramento River Water Treatment Plant Expansion (Project No. ZF51)
Consultant and Professional Service Agreement
MBE/WBE Participation

Dear Mr. Gosse,

Montgomery Watson is pleased to have been selected for the Sacramento River Water Treatment Plant Expansion project. The design of this major water treatment plant expansion is a complex and challenging undertaking that requires knowledgeable and experienced professionals. We have carefully assembled a comprehensive team of qualified and experienced engineers, architects, and specialists to provide the necessary professional services for the final design and bidding of this project.

Montgomery Watson is cognizant and supportive of the MBE and WBE participation goals of 10.57 percent and 9.5 percent, respectively, established by the City. We have maximized the MBE/WBE participation by initially identifying those support services and design disciplines that would be logical candidates for MBE/WBE participation. The subconsultants were subsequently selected based on their availability as offered by the City's certification list of MBE/WBE firms and their capability to provide sufficient expertise and resources to conduct the requisite work.

The candidate support services and design disciplines, the selected subconsultants, their MBE/WBE status, and budgets are listed as follows:

Support Service/ Design Discipline	Selected Subconsultant	Status	Budget
Geotechnical	AGS, Inc.	MBE	\$45,000
Surveying	Psomas & Associates	MBE	\$25,000
Microtunneling	Bennett & Stahel	WBE Pending	\$75,000
Asbestos/Haz. Matl.	ATC Inc.	None	\$5,000
Corrosion	Villalobos & Associates	MBE	\$14,000
Landscape Architecture	Koski & Sullivan	WBE	\$23,000
Building Architecture	Cynthia Easton Architect	WBE	\$230,000
HVAC	Edward J. Rios & Associates	MBE	\$145,000
Total			\$562,000

The estimated amount for the candidate support services and design disciplines is \$562,000 or 15.2 percent of the total budget. The estimated amount for the selected MBE/WBE subconsultants at this time is \$482,000 or 13.0 percent of the total budget. However, upon successful City acceptance for WBE status by our proposed microtunneling specialist, the estimated amount for the selected MBE/WBE subconsultants would increase to \$557,000 or 15.1 percent of the total budget.

These amounts compare favorably to the combined MBE/WBE participation goals of 20.07 percent. The magnitude of the MBE and WBE participation outlined above is significant and substantial. Montgomery Watson looks forward to the involvement and contribution of our MBE and WBE subconsultants.

Please contact Don Spiegel or myself at (916) 924 - 8844 if you have any questions.

Very truly yours,

Steve Hyland

Steve Hyland
Vice President

c. Don Spiegel

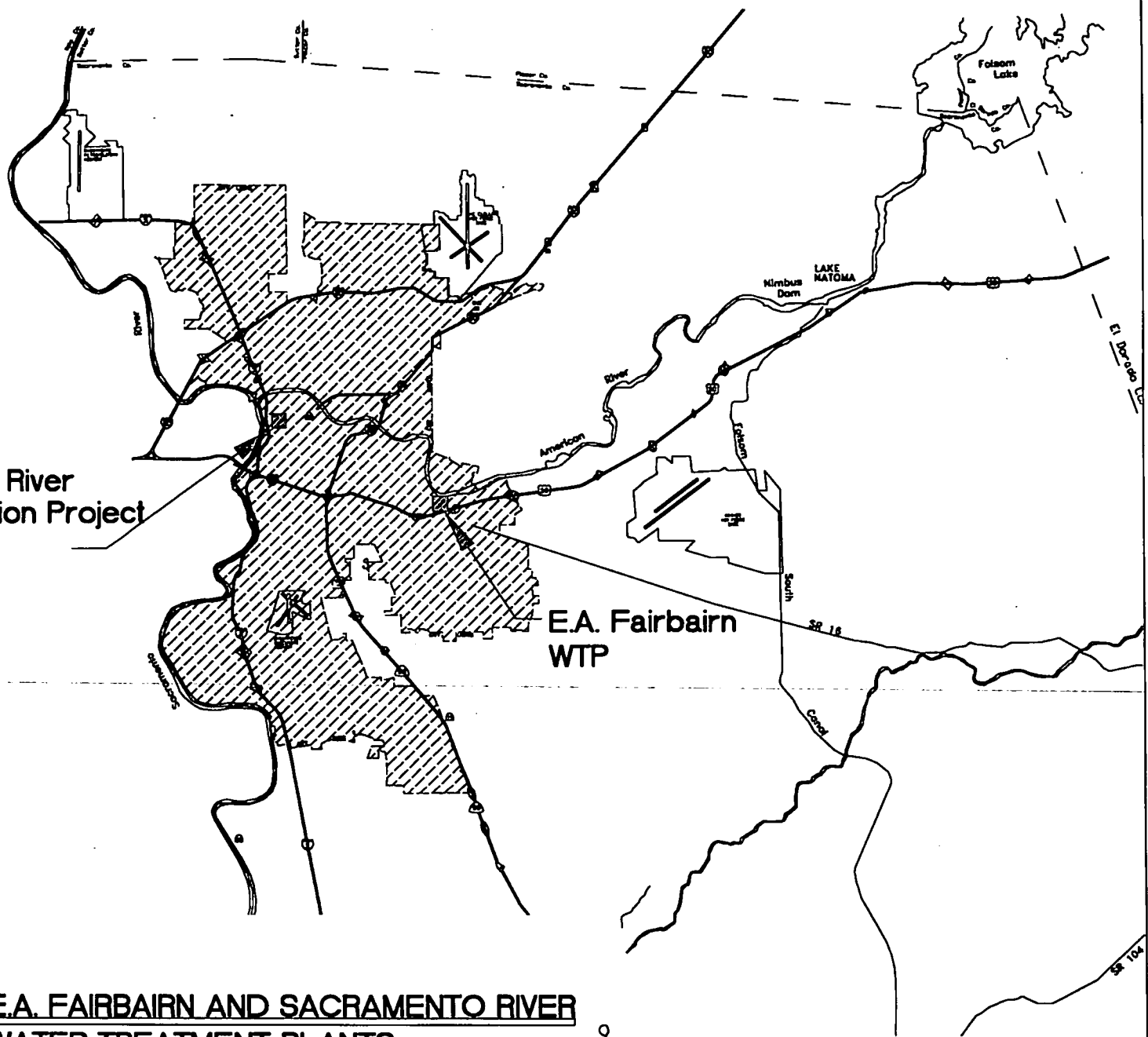


Sacramento River
WTP Expansion Project
(PN: ZF51)

E.A. Fairbairn
WTP

E.A. FAIRBAIN AND SACRAMENTO RIVER
WATER TREATMENT PLANTS

November 1998



RESOLUTION NO. 98-608

APPROVED
BY THE CITY COUNCIL

ADOPTED BY THE SACRAMENTO CITY COUNCIL

DEC 8 1998

ON DATE OF _____

OFFICE OF THE
CITY CLERK

RESOLUTION TO TRANSFER FUNDS AND AUTHORIZE THE CITY MANAGER AND CITY CLERK TO EXECUTE A CONSULTANT SERVICES AGREEMENT WITH MONTGOMERY WATSON AMERICAS, INC., FOR DESIGN OF THE SACRAMENTO RIVER WATER TREATMENT PLANT EXPANSION PROJECT (PN:ZF51) FOR AN AMOUNT NOT-TO-EXCEED \$3,698,662.

BE IT RESOLVED BY THE SACRAMENTO CITY COUNCIL THAT:

1. Funds in the amount of \$3,500,000 are hereby transferred to the Sacramento River WTP Expansion Project (413-500-ZF51-4802) from the Treatment Capacity Expansion Reserve (413-500-ZE22-4820).
2. The City Manager and City Clerk are authorized to sign and execute a Consultant Services Agreement with Montgomery Watson Americas, Inc., for final engineering design of the Sacramento River Water Treatment Plant Expansion project for an amount not-to-exceed \$3,698,662.

MAYOR

ATTEST:

CITY CLERK