



APPROVED
BY THE CITY COUNCIL

JUN 15 1999

OFFICE OF THE
CITY CLERK

1.3

DEPARTMENT OF
UTILITIES
ENGINEERING SERVICES

CITY OF SACRAMENTO
CALIFORNIA

AG 99-094

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SACRAMENTO, CA
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May 21, 1999

City Council
Sacramento, California

Honorable Members in Session

**SUBJECT: E.A. FAIRBAIRN WATER TREATMENT PLANT EXPANSION PROJECT
(PN:ZF41) - APPROVE A. CONSULTANT SERVICES AGREEMENT WITH
CAROLLO ENGINEERS FOR FINAL DESIGN FOR A NOT-TO-EXCEED AMOUNT
OF \$3,168,688**

LOCATION AND COUNCIL DISTRICT: Citywide

RECOMMENDATION:

Staff recommends that the City Council authorize the City Manager and City Clerk to execute a Consultant Services Agreement with Carollo Engineers for an amount not-to-exceed \$3,168,688

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

FOR COUNCIL MEETING OF: June 15, 1999

SUMMARY:

Staff has negotiated a Consultant Services Agreement with Carollo Engineers to perform final engineering design for treatment capacity expansion of the E.A. Fairbairn Water Treatment Plant. Authorization for the City Manager and City Clerk to execute the agreement is requested.

City Council
May 21, 1999
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). The scope of a project to expand the treatment capacity of 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 design of City of Sacramento's 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. 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 expansion projects.

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)

City Council
May 21, 1999
Approval of Consultant Services Agreement

- * Sacramento River WTP Expansion Project (Montgomery Watson)
- * Sacramento River WTP Replacement Intake (CH2M-Hill)

Carollo Engineers is the lead consultant for the design of the E. A. Fairbairn Water Treatment Plant Expansion Project. The design of a project to modify the intake at the Fairbairn WTP and upgrade the fish screens will follow at a later date.

FINANCIAL CONSIDERATIONS:

The estimated cost of the Consultant Services Agreement with Carollo Engineers is \$3,168,688. The E. A. Fairbairn WTP Expansion Project (413-500-ZF41-4802) has an unobligated balance of \$4,883,564 as of May 21, 1999. There are sufficient unobligated funds in the project to award and administer this consultant services agreement.

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 E. A. Fairbairn WTP Expansion Project.

POLICY CONSIDERATIONS:

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

City Council
May 21, 1999
Approval of Consultant Services Agreement

ESBD PROGRAM CONSIDERATIONS:

The project team of Carollo Engineers includes 20.7 percent emerging and small business development (ESBD) participation. This meets the project goal of 20 percent as set forth in City Ordinance No. 99-007 and Resolution No. 99-099.

Respectively submitted,



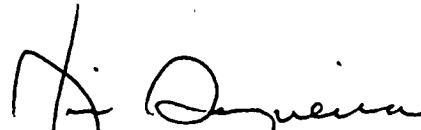
Gary A. Reerts
Engineering Services Manager

RECOMMENDATION APPROVED:

APPROVED:

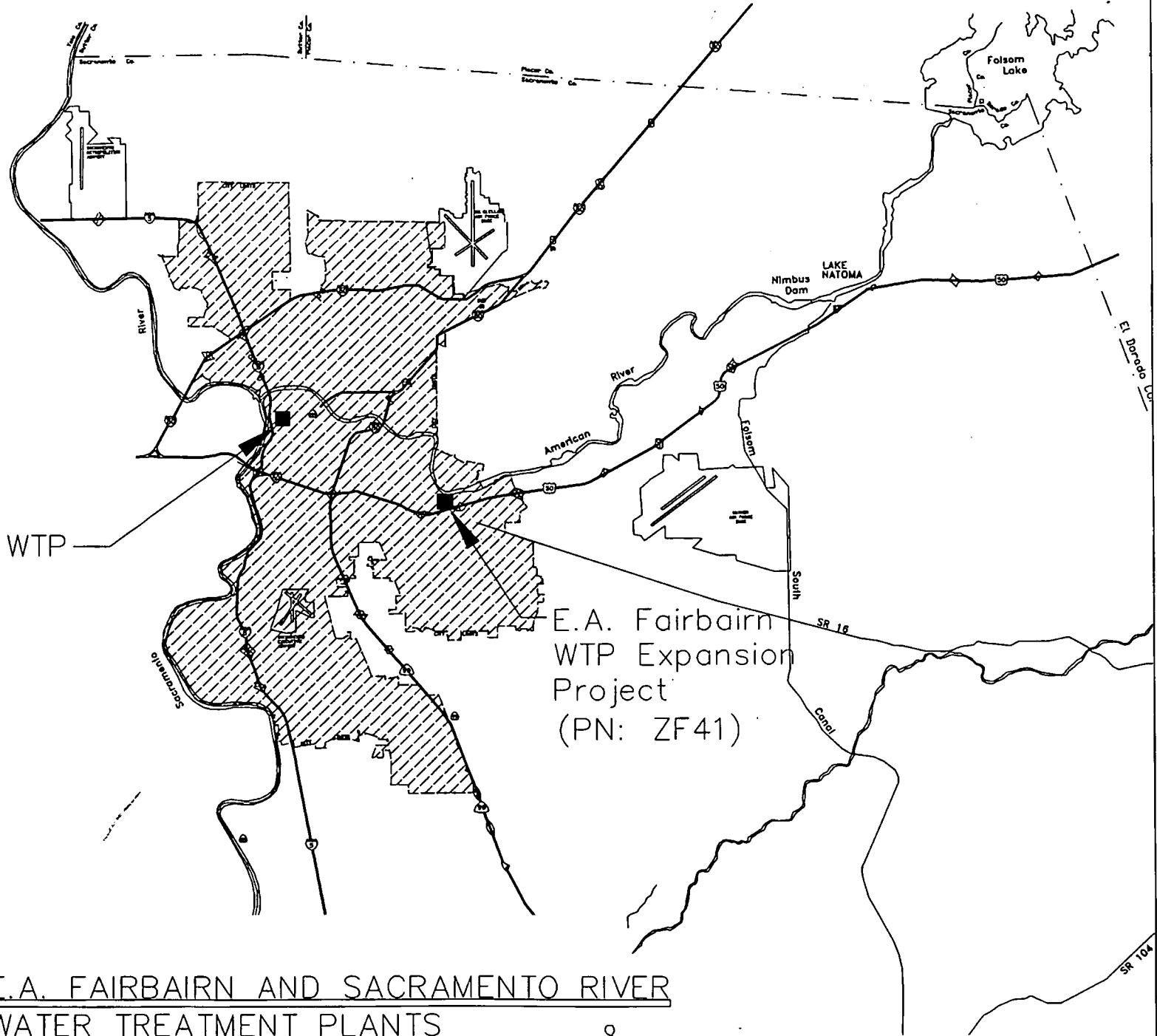


ROBERT P. THOMAS
City Manager



JAMES G. SEQUEIRA
Director of Utilities

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Sacramento River WTP

E.A. Fairbairn
WTP Expansion
Project
(PN: ZF41)

E.A. FAIRBAIRN AND SACRAMENTO RIVER
WATER TREATMENT PLANTS

April 1, 1999

APPROVED
BY THE CITY COUNCIL

RESOLUTION NO. 99-298

JUN 15 1999

ADOPTED BY THE SACRAMENTO CITY COUNCIL

OFFICE OF THE
CITY CLERK

ON DATE OF _____

RESOLUTION TO AUTHORIZE THE CITY MANAGER AND CITY CLERK TO EXECUTE A CONSULTANT SERVICES AGREEMENT WITH CAROLLO ENGINEERS FOR THE DESIGN OF THE E. A. FAIRBAIRN WATER TREATMENT PLANT EXPANSION PROJECT (PN: ZF41) FOR AN AMOUNT NOT-TO-EXCEED \$3,168,688.

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 Carollo Engineers for final engineering design of the E. A. Fairbairn Water Treatment Plant Expansion Project for an amount not-to-exceed \$3,168,688.

MAYOR

ATTEST:

CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO. _____

DATE ADOPTED: _____



*Dedicated to creative,
responsive, quality solutions
for those we serve.*

March 8, 1999
WO4412A00

Mr. Gary A. Reents
City of Sacramento
Department of Utilities
5770 Freeport Boulevard
Sacramento, California 95822-2911

Subject: Draft Amendment to Sacramento Sewerage Transfer Study -
Scope of Services

Dear Mr. Reents:

As we discussed at our meeting on February 25 and using the information from your phone message of March 5, we have prepared a draft scope of services and fee estimate for a contract amendment to address transferring the operation and maintenance of the City's sewerage collection system, including the combined system to CSD-1. The major tasks involved in this effort, as outlined in the attached scope, are:

1. Quantify the Facilities and Staff to be transferred to CSD-1,
2. Evaluate the impacts for transfer of the City sewerage system to CSD-1,
3. Prepare and amendment to the Sewerage Transfer Study, and
4. Meetings.

The purpose of the study is to address financial and engineering technical concerns as a neutral third party. Legal issues will not be addressed in the report.

We want to keep the keep the total cost of this project less than the upper limit that can be authorized without Council approval. This can only be accomplished if we carefully limit the scope of services and exclude extra meetings and a formal presentation to the City Council and CSD-1 Board. With these limitations and with the understanding that the information we need will be provided to us in a timely manner, we believe we can complete the study with the remaining \$10,000 under the existing contract plus an additional \$7,000. The upper limit would then be \$99,946. The attached Labor Hour and Fee Estimate shows the hours we would be more comfortable using for the completion of this project.

I have also included the ISSUES TO BE RESOLVED which incorporates your comments.

Mr. Gary A. Reents
City of Sacramento
March 8, 1999
Page No. 2

We are forwarding a copy of the scope of work to Wendell Kido for his review. Please contact us if you have any questions or would like changes to the attached.

Very truly yours,

CAROLLO ENGINEERS

Robert A. Gillette / rja
Robert A. Gillette, P.E.
Principal

cc: Wendell Kido

RAG/rja

Enclosures

