

APPROVED
BY THE CITY COUNCIL

JUL 29 1997

**OFFICE OF THE
CITY CLERK**



1.14

AG97-121

DEPARTMENT OF
UTILITIES

ENGINEERING SERVICES

CITY OF SACRAMENTO
CALIFORNIA

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SACRAMENTO, CA
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July 15, 1997

City Council
Sacramento, California

Honorable Members in Session:

SUBJECT: PROGRAMMABLE LOGIC CONTROLLER AND OPERATOR INTERFACE SOFTWARE PROGRAMMING FOR THE SUMP 1/1A AND PIONEER RESERVOIR REHABILITATION AND IMPROVEMENT PROJECT (PN: XM23); CONSULTANT SERVICES AGREEMENT WITH SABER ENGINEERING FOR AN AMOUNT NOT TO EXCEED \$123,337

LOCATION AND COUNCIL DISTRICT:

The project is part of the Combined Sewer System and is located at U and Front Streets in District 4 and provides benefit to Districts 1, 3, 5 and 6 (See Location Map).

RECOMMENDATION:

Staff recommends that the City Council approve the attached resolution, authorizing the City Manager to sign and execute a Consultant and Professional Services Agreement for programmable logic controller and operator interface programming with Saber Engineering for an amount not to exceed \$123,337.

CONTACT PERSON:

David Hansen, Senior Engineer, 433-6627

Gary Reents, Engineering Services Manager, 433-6633

FOR COUNCIL MEETING OF: July 29, 1997

SUMMARY

The Sump 1/1A and Pioneer Reservoir rehabilitation and improvement project was awarded by City Council on April 10, 1997 to Allen L. Bender, Inc. and is presently under construction. The project specification states that programmable logic controller system software and operator interface programming will be performed by Saber Engineering under separate contract. This Consultant Services Agreement is to perform that work.

City Council
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Consultant Services Agreement (PN: XM23)

COMMITTEE/COMMISSION ACTION

None.

BACKGROUND INFORMATION

In June 1990 the Regional Water Quality Control Board (RWQCB) issued a Cease and Desist Order requiring the City to eliminate outflows from the Combined Sewer System (CSS). In July 1995 Council authorized the Department of Utilities to submit the Combined Sewer Improvement Plan to the RWQCB. In March 1996 the RWQCB rescinded the Cease and Desist Order based upon the City's Combined Sewer System Improvement Plan.

Part of the CSS Improvement Plan consists of rehabilitation and improvement of Sump 1/1A and Pioneer Reservoir. That project was awarded by Council on April 10, 1997, to Allen L. Bender, Inc., and is presently under construction. In order to facilitate automatic and coordinated process control between the facilities, programmable logic controllers and operator interface panels are being installed. In addition to controlling the facilities, these devices will be interfaced with an existing telemetry system which allows operators to monitor and control these facilities from the Combined Wastewater Treatment Plant or from Sump 2. These devices need to be programmed and function tested prior to being put into operation by people experienced with the equipment and the processes being controlled.

The City requested Saber Engineering to provide a proposal for doing this work because they have extensive experience with this equipment. In addition, they have recently completed a similar job at Pioneer Reservoir and are knowledgeable with the function of the facility and the interface requirements of the City. The scope of work for this project is described in detail in the attached Consultant Services Agreement.

ENVIRONMENTAL CONSIDERATIONS

Under direction by the City's Environmental Services Section, an environmental impact report had been prepared for the Sump 1/1A and Pioneer Reservoir rehabilitation and improvement project consistent with the California Environmental Improvement Act. Council certified this EIR on March 11, 1997.

FINANCIAL CONSIDERATIONS

Sufficient funds are available for this project. The cost of this Consultant Services Agreement is \$123,337. The unobligated balance available for this project (414/425-500-XM23-4820) is \$793,255 as of July 11, 1997.

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POLICY CONSIDERATIONS

This action is consistent with Title 58 of the City Code concerning requirements for public projects.

MBE/WBE

Saber Engineering is not a MBE or WBE firm. Saber Engineering is the only firm known to staff that has expertise with this equipment, is knowledgeable with the function of these facilities, and understands the City's interface requirements. Staff has determined that none of the proposed scope of work can be reasonably subcontracted, thus precluding MBE/WBE participation. The cumulative departmental MBE/WBE participation to date is 11.23% and 9.3% respectively.

Respectfully submitted,



Gary A. Reents
Engineering Services Manager

RECOMMENDATION APPROVED:



William H. Edgar
City Manager

APPROVED:



for Jim Sequeira
Director of Utilities

APPROVED
BY THE CITY COUNCIL

JUL 29 1997

OFFICE OF THE
CITY CLERK

RESOLUTION NO. 97-429

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

**RESOLUTION TO AUTHORIZE AND EXECUTE A PROFESSIONAL
CONSULTANT SERVICES AGREEMENT WITH SABER ENGINEERING
FOR AN AMOUNT NOT TO EXCEED \$123,337**

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

The City Manager and City Clerk are authorized to execute an agreement with Saber Engineering for an amount not to exceed \$123,337 for programmable logic controller and operator interface software programming for the Sump 1/1A and Pioneer Reservoir rehabilitation and improvement project (PN: XM23).

MAYOR

ATTEST:

CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO. _____

DATE ADOPTED: _____