



APPROVED  
BY THE CITY COUNCIL  
JUL 2 1996  
128

OFFICE OF THE  
CITY CLERK  
4696-087

DEPARTMENT OF  
UTILITIES  
ENGINEERING SERVICES

CITY OF SACRAMENTO  
CALIFORNIA

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June 18, 1996

City Council  
Sacramento, California

Honorable Members in Session:

**SUBJECT: SUMP 1/1A/PIONEER RESERVOIR IMPROVEMENT (PN: XM23), AMEND FY97 CAPITAL IMPROVEMENT PROGRAM, TRANSFER FUNDS AND EXECUTE A CONSULTANT SERVICES AGREEMENT WITH HDR ENGINEERING, INC. FOR ENGINEERING DESIGN SERVICES FOR AN AMOUNT NOT TO EXCEED \$677,412**

**LOCATION AND COUNCIL DISTRICT:**

The project is located at the Sump 1/1A and Pioneer Reservoir Facilities, U and Front Streets (District 4).

**RECOMMENDATION:**

Staff recommends that the City Council amend the FY97 Capital Improvement Program to add the Sump 1/1A-Pioneer Reservoir Improvement project, transfer funds from the Combined System Reserve, and authorize the City Manager and City Clerk to execute a consultant services agreement with HDR Engineering, Inc. for engineering design services for Sump 1/1A and Pioneer Reservoir, as part of the Combined Sewer System Improvement Plan.

**CONTACT PERSON:** Rick Batha, Senior Engineer, 433-6625

**FOR COUNCIL MEETING OF:** July 2, 1996

**SUMMARY**

A consultant services agreement with HDR Engineering, Inc., for a not-to-exceed amount of \$677,412 has been negotiated. The scope of the agreement is to provide engineering design services for rehabilitation and improvement of Sump 1/1A and Pioneer Reservoir. Authorization for the City Manager and City Clerk to execute the agreement is recommended.

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**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). The City responded by preparing a plan to address their concerns. In July 1995, Council authorized the Department of Utilities to submit the Combined System 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 In March 1996, the RWQCB rescinded the Cease and Desist Order based upon the City's Combined Sewer System Improvement Plan.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 consisted of rehabilitation and improvement of Sump 1/1A and Pioneer Reservoir.

A preliminary design report recommended specific rehabilitation and improvement items for Sump 1/1A and Pioneer Reservoir. In April 1996, Brown and Caldwell completed the pre-design report utilized by the design consultant to define the scope of work.

Requests for Qualifications (RFQ) for Sump 1/1A and Pioneer Reservoir design were sent to 24 consultant firms. Seven consultant firms responded to the RFQ and submitted a Statement of Qualifications (SOQ). A selection committee short-listed three of the most qualified consultant firms based upon the SOQs, reviewed representative projects, conducted interviews, and selected HDR to design the rehabilitation and improvement aspects of the Sump 1/1A and Pioneer Reservoir.

**ENVIRONMENTAL CONSIDERATIONS**

Environmental considerations are being addressed in cooperation with the Environmental Services Department. An environmental impact report is being prepared consistent with the California Environmental Quality Act. The EIR will be presented to Council for approval prior to project construction.

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## **FINANCIAL CONSIDERATIONS**

The proposed contract amount with HDR for design of Sump 1/1A and Pioneer Reservoir is a total not-to-exceed amount of \$677,412. In order to account for the full cost of this project, anticipated to be about \$6.5 million, staff recommends that the FY97 Capital Improvement Program be amended to add the "Sump 1/1A-Pioneer Reservoir Improvement" project (414/425-500-XM23-4802) and transfer \$800,000 from the Combined System Reserve (414/425-500-XD42-4414), which has unobligated appropriations of \$11,456,014 as of June 14, 1996. The funding transfer will conform to the current funding requirement of 25% sewer funding and 75% storm drainage funding.

## **POLICY CONSIDERATIONS**

The Combined Sewer System Improvement Plan is consistent with past Council direction and satisfies requirements that lead to the recession of the Cease and Desist Order issued by the RWQCB.

## **MBE/WBE**

HDR Engineering has proposed a team of subconsultants that results in 5.8% MBE and 4.6% WBE participation. Although city goals of 10.57% MBE and 9.5% WBE have not been met, HDR Engineering demonstrated a good faith effort to meet the goals. HDR identified tasks in the scope of work that could be subcontracted and contacted City certified MBE and WBE companies. Based upon these efforts, five (5) subconsultants were identified. However, the amount of available work to be subcontracted is reduced due to the specialized nature of pump station and waste water treatment work and the fast track schedule required by the RWQCB.

It is likely that the MBE participation will be expanded as the work proceeds. To ascertain the optimum size of the sump, a physical model of the pumping station will be constructed and tested. Based upon the results, the actual size of the structure will become known and available for scoping and design by the structural engineer, a certified MBE company. This potential scope has not been included in the percentages listed above. The amount of this engineering will not increase the total fee.

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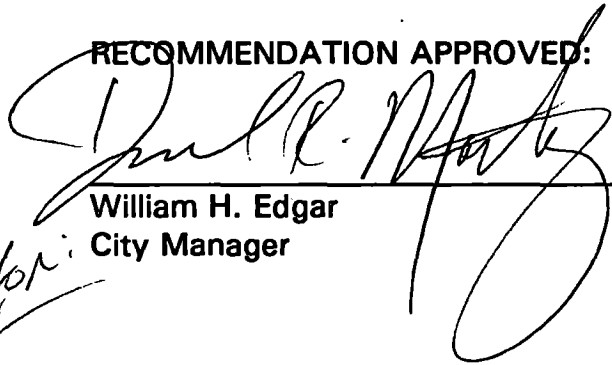
Currently, the Department of Utilities MBE/WBE participation is 8.30% and 13.48% respectively.

Respectfully submitted,



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Gary A. Reents  
Engineering Services Manager

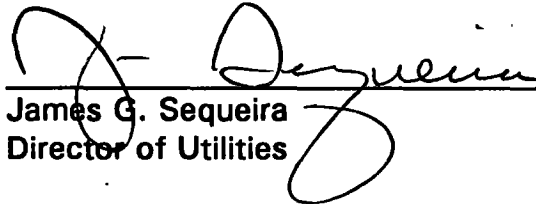
RECOMMENDATION APPROVED:



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William H. Edgar  
City Manager

for:

APPROVED:



\_\_\_\_\_  
James G. Sequeira  
Director of Utilities

**RESOLUTION NO. 96-358**

ADOPTED BY THE SACRAMENTO CITY COUNCIL

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

**APPROVED**  
BY THE CITY COUNCIL  
JUL 2 1996  
OFFICE OF THE  
CITY CLERK

**RESOLUTION AMENDING THE FY97 CAPITAL IMPROVEMENT PROGRAM TO  
CREATE A NEW PROJECT, TRANSFERRING FUNDS, AND AUTHORIZING  
THE CITY MANAGER AND CITY CLERK TO EXECUTE A CONSULTANT  
SERVICES AGREEMENT WITH HDR ENGINEERING, INC. FOR ENGINEERING  
DESIGN SERVICES FOR SUMP 1/1A AND PIONEER RESERVOIR (PN: XM23)  
IN AN AMOUNT OF \$677,412**

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

- 1. The FY97 Capital Improvement Program is hereby amended to add the "Sump 1/1A-Pioneer Res Imp" (PN:XM23) and funds are transferred as follows:

414-500-XD42-4414:	(\$200,000)
414-500-XM23-4802:	\$200,000
425-500-XD42-4414:	(\$600,000)
425-500-XM23-4802:	\$600,000

- 2. The City Manager and City Clerk are authorized to sign and execute a consultant services agreement with HDR Engineering, Inc. for Engineering Design Services of Sump 1/1A and Pioneer Reservoir for an amount not to exceed \$677,412.

\_\_\_\_\_  
MAYOR

ATTEST:

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

**FOR CITY CLERK USE ONLY**

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

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

**COMBINED SEWER SYS RESERVE**

**Project Description**

Reserve to accumulate resources for the combined sewer system rehabilitation.

<b>Project #:</b>	XD42
<b>FY Initiated:</b>	94/95
<b>Location</b>	City Wide
<b>Council District:</b>	Various
<b>Neighborhood Area:</b>	Various
<b>Planning Area:</b>	N / A
<b>Date Amended:</b>	07/02/96

**Project Objectives**

To accumulate funding from current resources in excess of operations and capital improvement requirements in order to minimize future rate increases for the combined sewer system rehabilitation.

**Existing Situation**

The City faces substantial outlays in future years for capital improvement construction on the combined sewer system. Appropriations for that construction are now being accumulated in this project.

**Operating Budget Impact**

None

Fund Source	Budget through 6/96	Estimated Balance 6/96	Five Year Funding				
Sewer	317,423	317,423	-270,000	0	0	0	0
Drainage	5,263,591	5,263,591	-810,000	0	0	0	0
<b>TOTAL</b>	<b>5,581,014</b>	<b>5,581,014</b>	<b>-1,080,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**SUMP 1/1A- PIONEER RESERVOIR IMPROVEMENTS**

**Project Description**

Provide engineering design services for rehabilitation and improvement of Sump 1/1A and Pioneer Reservoir. Design will include the construction of a model of the pumping station to determine the optimum size of the sump.

<b>Project #:</b>	XM23
<b>FY Initiated:</b>	96/97
<b>Location</b>	U and Front Streets
<b>Council District:</b>	4
<b>Neighborhood Area:</b>	Neighborhood Area 2
<b>Planning Area:</b>	N / A
<b>Date Amended:</b>	

**Project Objectives**

To complete rehabilitation and improvements to address outflows from the Combined Sewer System.

**Existing Situation**

In June 1990, the Regional Water Quality Control Board issued a Cease and Desist Order requiring the City to eliminate outflows from the Combined Sewer System. A preliminary design report recommended specific rehabilitation and improvement items for Sump 1/1A and Pioneer Reservoir.

**Operating Budget Impact**

None.

Fund Source	Budget through 6/96	Estimated Balance 6/96	Five Year Funding				
			1996-97	1997-98	1998-99	1999-00	2000-01
Sewer	0	0	200,000	0	0	0	0
Drainage	0	0	600,000	0	0	0	0
<b>TOTAL</b>	0	0	800,000	0	0	0	0

