

**APPROVED**  
BY THE CITY COUNCIL

**AUG 10 1999**

OFFICE OF THE  
CITY CLERK



1.3

DEPARTMENT OF  
UTILITIES  
ENGINEERING SERVICES

CITY OF SACRAMENTO  
CALIFORNIA

1395 - 35TH AVENUE  
SACRAMENTO, CA  
95822-2911

PH 916-264-1400  
FAX 916-264-1497

July 29, 1999

City Council  
Sacramento, California

Honorable Members in Session:

**SUBJECT: AUTHORIZATION TO APPROVE SUPPLEMENTAL AGREEMENT NO.1 TO CONSULTANT SERVICES AGREEMENT 98-160 WITH WESTIN ENGINEERING INC., FOR ADDITIONAL GEOGRAPHIC INFORMATION SYSTEMS (GIS) APPLICATION PROGRAMMING SERVICES FOR THE DRAINAGE AND SEWER BOOK GIS CONVERSION PROJECT FOR AN AMOUNT NOT TO EXCEED \$27,060 (PN:XG01)**

**LOCATION AND COUNCIL DISTRICT:** City-wide

**RECOMMENDATION:**

Staff recommends that the City Council approve the attached resolution authorizing the City Manager and City Clerk to approve Supplemental Agreement No. 1 to Consultant and Professional Services Agreement No. 98-160 with Westin Engineering Inc., for GIS application programming services for an amount not to exceed \$27,060.

**CONTACT PERSON:** Dave Hansen, Senior Engineer, 264-1421  
Gary Reents, Engineering Services Manager, 264-1433

**FOR COUNCIL MEETING OF:** August 10, 1999

**SUMMARY**

Consultant and Professional Services Agreement No 98-160 was negotiated with Westin Engineering Inc., to provide project management tasks associated with the Drainage and Sewer Book GIS Conversion Project. Westin Engineering Inc., provides expertise and experience in engineering information technology and GIS conversion management. This report requests that the City Council approve a resolution that authorizes approval of the proposed Supplemental Agreement No. 1 which will increase the not-to-exceed amount by \$27,060 for a total of \$125,724.

City Council  
July 29, 1999  
Drainage and Sewer GIS Conversion

### **COMMITTEE/COMMISSION ACTION**

None.

### **BACKGROUND INFORMATION**

The Drainage and Sewer Book Digitizing Project (XG01) was created to improve maintenance and accuracy of the sewer and drainage system information. This information is used primarily to develop and update the Sewer and Drainage map books used by the field crews to maintain the infrastructure. It is also used by the engineers and managers as a source of information for the design and development of improvements and rehabilitation of these systems.

This project converts the Drainage/Sewer layer information to Arc/Info, which the City's central GIS group has decided would be the standard platform for all future GIS applications. Once the project is complete, in addition to maintenance and accuracy improvements, the data collected can be used to perform analysis of system components and maintenance activities to help prioritize capital improvements. The data will also be able to be merged with other City GIS data (such as planning zones) that would help in system planning and development.

Westin Engineering Inc., was hired in May 1998 to help facilitate this conversion. Tasks accomplished under this agreement included high level project management relating to the GIS conversion request for proposal, integration of the GIS with the Hansen database, conversion specifications, map scrub and quality assurance/quality control.

Additional work under the proposed supplemental agreement will provide for application programming integrating the GIS and the existing Hansen Oracle database, map maintenance and map book printing applications based in Arc/Info and a map viewing and reporting application based in Arcview. A detailed description of this work is included in the attached Supplemental Agreement.

### **ENVIRONMENTAL DETERMINATION**

This activity is exempt from the provisions of the California Environmental Quality Act (CEQA) under sections 15306 and 15307. The activity involves migrating map maintenance and reporting programming from an outdated software platform to a newer software platform.

### **FINANCIAL CONSIDERATIONS**

The cost for Supplemental Agreement No. 1 is for an amount not to exceed \$27,060 and will be funded from the Sewer and Storm Drainage Capital Improvement Programs, 414/425-500-XG01 which has an unobligated balance of \$129,176 as of July 20, 1999.

City Council  
July 29, 1999  
Drainage and Sewer GIS Conversion

**POLICY CONSIDERATIONS**

None.

**ESBD CONSIDERATIONS**

Westin Engineering Inc., was originally selected for their expertise and experience in GIS conversion projects. All work will be performed by Westin Engineering Inc. In developing the supplemental scope of work, staff determined that there is no opportunity for subcontracting, therefore there are no opportunities for ESBD participation.

Respectfully submitted,



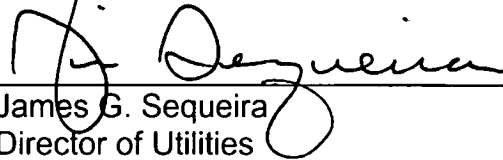
\_\_\_\_\_  
Gary A. Reents  
Engineering Services Manager

RECOMMENDATION APPROVED:



\_\_\_\_\_  
Robert P. Thomas  
City Manager

APPROVED:



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

Handwritten signature or scribble, possibly reading "L. S. A." or similar.

**APPROVED**  
BY THE CITY COUNCIL

**AUG 10 1999**

OFFICE OF THE  
CITY CLERK

**AMENDED**

**RESOLUTION NO. 99-448**

ADOPTED BY THE SACRAMENTO CITY COUNCIL

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

RESOLUTION AUTHORIZING THE CITY MANAGER AND CITY CLERK TO APPROVE SUPPLEMENTAL AGREEMENT NO. 1 TO CONSULTANT SERVICES AGREEMENT NO. 98-160 WITH WESTIN ENGINEERING INC., FOR GIS PROGRAMMING AND CONSULTING SERVICES (PN: XG01)

BE IT RESOLVED BY THE SACRAMENTO CITY COUNCIL THAT:

The City Manager and City Clerk are authorized to sign and approve Supplemental Agreement No. 1 to Consultant Services Agreement No 98-160 with Westin Engineering Inc., for an amount not to exceed \$27,060 for GIS programming and consulting services.

\_\_\_\_\_  
MAYOR

ATTEST:

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

\_\_\_\_\_  
**FOR CITY CLERK USE ONLY**

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

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

**RESOLUTION NO.**

ADOPTED BY THE SACRAMENTO CITY COUNCIL

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

RESOLUTION AUTHORIZING THE CITY MANAGER AND CITY CLERK TO APPROVE SUPPLEMENTAL AGREEMENT NO. 1 TO CONSULTANT SERVICES AGREEMENT NO. 98-160 WITH WESTIN ENGINEERING INC., FOR GIS PROGRAMMING AND CONSULTING SERVICES (PN: XG01)

BE IT RESOLVED BY THE SACRAMENTO CITY COUNCIL THAT:

The City Manager and City Clerk are authorized to sign and approve Supplemental Agreement No. 1 to Consultant Services Agreement No 98-160 with Westin Engineering Inc., for an amount not to exceed \$27,060 for GIS programming and consulting services. Supplemental Agreement No. 1 issued pursuant to the authority of the City Manager is hereby ratified pursuant to City Code Section 59.02.201(g).

\_\_\_\_\_  
MAYOR

ATTEST:

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

\_\_\_\_\_  
**FOR CITY CLERK USE ONLY**

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

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