



APPROVED
BY THE CITY COUNCIL

1.5

SEP 28 1999

OFFICE OF THE
CITY CLERK

DEPARTMENT OF
UTILITIES
ENGINEERING SERVICES

CITY OF SACRAMENTO
CALIFORNIA

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September 10, 1999

City Council
Sacramento, California

Honorable Members in Session:

SUBJECT: AUTHORIZATION TO APPROVE SUPPLEMENTAL AGREEMENT NO.1 TO CONSULTANT SERVICES AGREEMENT 99-022 WITH GEONEX CORPORATION FOR MAP 'SCRUBBING' SERVICES FOR THE DRAINAGE AND SEWER BOOK GIS CONVERSION PROJECT FOR AN AMOUNT NOT TO EXCEED \$76,140 (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. 99-022 with GEONEX Corporation for initial map 'scrubbing' services for an amount not to exceed \$76,140.

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

FOR COUNCIL MEETING OF: September 28, 1999

SUMMARY

Consultant and Professional Services Agreement No 99-022 was negotiated with GEONEX Corporation to provide spatial and tabular data conversion tasks associated with the Drainage and Sewer Book GIS Conversion Project. GEONEX Corporation provides expertise and experience in Water/Wastewater GIS data conversion. 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 \$76,140 for a total of \$171,270.

City Council
September 10, 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.

GEONEX Corporation was hired in January 1999 to complete the conversion of the Sewer and Drainage GIS layers. Tasks accomplished under this agreement included conversion of existing digital AutoCAD maps into the ArcInfo format.

Additional work under the proposed supplemental agreement will provide for initial map 'scrubbing' to be accomplished prior to the actual map conversion. 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 data 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 \$76,140 and will be funded from the Sewer and Storm Drainage Capital Improvement Programs, 414/425-500-XG01 which has an unobligated balance of \$116,177 as of September 9, 1999.

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POLICY CONSIDERATIONS

None.

ESBE CONSIDERATIONS

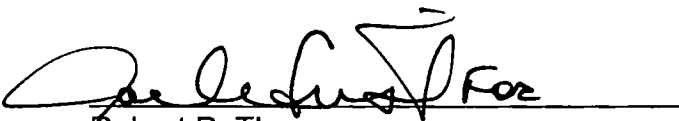
GEONEX Corporation was originally selected for their expertise and experience in Water/Wastewater GIS conversion projects. All work will be performed by GEONEX Corporation. In developing the supplemental scope of work, staff determined that there is no opportunity for subcontracting, therefore there are no opportunities for ESBE participation.

Respectfully submitted,



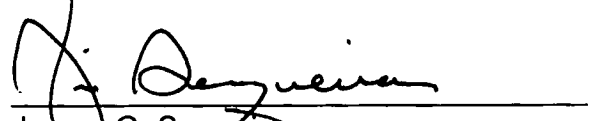
Gary A. Reents
Engineering Services Manager

RECOMMENDATION APPROVED:



Robert P. Thomas
City Manager

APPROVED:



James G. Sequeira
Director of Utilities

RESOLUTION NO. 99-539

APPROVED
BY THE CITY COUNCIL

SEP 28 1999

OFFICE OF THE
CITY CLERK

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. 99-022 WITH GEONEX CORPORATION FOR GIS DATA CONVERSION 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 99-022 with GEONEX Corporation for an amount not to exceed \$76,140 for GIS data conversion services.

MAYOR

ATTEST:

CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO. _____
DATE ADOPTED: _____