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Department of Utilities
Engineering Services Division

CITY OF SACRAMENTO
CALIFORNIA

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April 12, 2000

City Council
Sacramento, California

Honorable Members in Session:

SUBJECT: WATER BOOK GEOGRAPHIC INFORMATION SYSTEMS (GIS) CONVERSION PROJECT (PN: ZG01): APPROVAL OF CONSULTANT SERVICES AGREEMENT WITH NOBEL SYSTEMS FOR AN AMOUNT NOT TO EXCEED \$238,998

LOCATION AND COUNCIL DISTRICT:

The project is city wide.

RECOMMENDATION:

Staff recommends that the City Council approve the attached resolution which authorizes the City Manager and City Clerk to execute a Consultant Services Agreement with Nobel Systems for the Water Book GIS Conversion project for an amount not to exceed \$238,998.

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

FOR COUNCIL MEETING OF: April 25, 2000

SUMMARY

Staff has negotiated a Consultant Services Agreement with Nobel Systems to perform GIS conversion services for the Water Book GIS Conversion Project. Authorization for the City Manager and City Clerk to execute the agreement is requested.



CITY OF SACRAMENTO
DEPARTMENT
OF UTILITIES

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City Council
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Water Book GIS Conversion Project (PN: ZG01)

COMMITTEE/COMMISSION ACTION

None.

BACKGROUND INFORMATION

The Water Book, the mapping of the City's water distribution network, is an important part of the operations of Field Services and Utilities Customer Service. Currently, these maps are hand drawn and printed annually. The department's goal is to implement a Geographic Information System (GIS) using .ARC/INFO software that is consistent with the City's existing GIS. The conversion of the Water Book information to GIS will allow more current and up to date information available for water operations, allow analysis and integration with the department's Maintenance Management Information System (MMIS) and the water modeling software of H₂O Net 3.0.

On January 14, 2000, staff issued a Request for Proposal (RFP) to eleven data conversion firms, and received responses from Nobel Systems, Infotech Enterprises, Inc., Analytical Surveys, Inc. and Hansen Information Technologies, Inc.

Bids were received from four data conversion firms as follows:

Conversion Firm	Bid Amount
Nobel Systems	\$238,998
Infotech Enterprises, Inc.	\$298,916
Hansen Information Technologies, Inc.	\$493,470
Analytic Surveys, Inc.	\$550,958

The estimated completion date is October 2000.

The proposals were received on February 14, 2000 and reviewed independently by six members of City staff. The RFP's were evaluated in the areas of vendor understanding, vendor experience, integration methodologies, QA/QC, schedule and cost. Nobel Systems' proposal was accepted by consensus of the reviewers as receiving the highest overall rating in these areas.

ENVIRONMENTAL CONSIDERATIONS

This activity is exempt from the provisions of the California Environmental Quality Act (CEQA) under sections 15306 and 15307. The activity involves converting map data from manual form to an electronic format.

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FINANCIAL CONSIDERATIONS

The Consultant Services Agreement will be funded from the Water Fund Capital Improvement Program - (413-500-ZG01). The unobligated balance is \$412,671 as of March 29, 2000. There is sufficient funding in the Water Book GIS Conversion Project (PN: ZG01) to award this agreement.

POLICY CONSIDERATIONS

None.

ESBD PROGRAM CONSIDERATIONS

This project included participation goals of 20% for emerging and small business enterprises as required by Ordinance 99-007 and Resolution 99-055, relating to ESBD participation goals and policies, adopted by the City Council on February 9, 1999. Nobel Systems is a City of Sacramento Certified Small Business and is performing approximately 87 percent of the work in this agreement.

Respectfully submitted,



Gary A. Reents
Engineering Services Manager

RECOMMENDATION APPROVED:



Robert P. Thomas
City Manager

APPROVED:



James G. Sequeira
Director of Utilities

RESOLUTION NO. 2000-183

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____



RESOLUTION TO APPROVE THE CONSULTANT SERVICES AGREEMENT WITH NOBEL SYSTEMS FOR THE WATER BOOK GEOGRAPHIC INFORMATION SYSTEMS (GIS) CONVERSION PROJECT (PN: ZG01) FOR AN AMOUNT NOT TO EXCEED \$238,998.

BE IT RESOLVED BY THE SACRAMENTO CITY COUNCIL THAT:

The City Council authorizes the City Manager and City Clerk to execute a Consultant Services Agreement with Nobel Systems for the Water Book GIS Conversion Project (PN: ZG01) for an amount not to exceed \$238,998.

MAYOR

ATTEST:

CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO. _____

DATE ADOPTED: _____