



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: June 16, 2009

TO: Mayor and Councilmembers

FROM: Information Systems Division, Administrative Services Department

SUBJECT: Professional Services Agreement To Implement A Web-Based Geographic Information System (GIS) Mapping Application

RECOMMENDATION: That Council:

- A. Find it in the City's best interest to waive the formal bid process, as authorized by Municipal Code 4.52.080 (k), and authorize the City's Administrative Services Director to execute a professional services agreement and issue a purchase order with Latitude Geographics in an amount not to exceed \$64,890 to implement a Web-Based GIS Mapping Application; and
- B. Authorize the City's Administrative Services Director to issue required change orders to Latitude Geographics, in a total amount not to exceed \$10,000, to cover contingencies associated with changes to services.

DISCUSSION:

In Fiscal Year 2008 Council approved the development of a Centralized GIS. Phase I included installation of GIS servers, upgrade of City GIS software, design and development of a centralized geodatabase, conversion of 75 datasets, and creation of citywide GIS standards and policies.

Phase II of the GIS project was planned in the Fiscal Year 2009 budget. Implementation projects include providing web-based access to the new centralized GIS information for City staff and the Public.

The City currently owns a web-based GIS application, named the "Geospatial Data Browser" (GDB), which was purchased in 1999. This product runs on non-City standard GIS software, cannot be altered by City GIS staff, and requires maintenance and support costs of \$24,000 per year. Therefore, the City investigated other commercial product offerings.

In March 2009, a Request for Proposal (RFP) for professional consulting services to implement a web-based GIS mapping application was sent to 15 GIS consulting firms. Seven firms responded and their proposals were reviewed, taking into consideration their project understanding and technical approach, qualifications of staff assigned, references, similar work experience, cost, and their ability to meet the requested project timeframe. Using these criteria, City GIS staff narrowed the list of candidates to two finalists.

After City GIS staff reviewed product demonstrations for both firms, Latitude Geographics was selected because their product:

- Provides a solution that best meets the requirements and needs of the City
- Provides all of the features of the GDB and many more
- Runs on City standard ESRI ArcGIS Server software
- Can be administered and configured by City GIS staff
- Costs approximately \$5,000 per year for maintenance and support producing a savings of \$19,000 per year over the existing application. This new application will pay for itself in 3.5 years.

This project's deliverables are:

- Installation, configuration, and testing of the mapping application for unlimited users
- Development of additional features, reports, and functionality including Community Development's MEA parcel script
- Administration and user training for City staff
- First year's maintenance and support costs

BUDGET/FINANCIAL INFORMATION:

Phase II of the Centralized GIS Project was approved for funding in the City's Capital Improvement Program for Fiscal Year 2009 and is currently part of the Information Systems budget.

PREPARED BY: Rob Badger, Information Systems Supervisor

SUBMITTED BY: Marcelo Lopez, Administrative Services Director

APPROVED BY: City Administrator's Office