TO: HONORABLE CITY COUNCIL

ATTENTION: CITY MANAGER DEPARTMENT: ADMINISTRATIVE SERVICES

DATE: JUNE 24, 2002 CMR: 303:02

SUBJECT: APPROVAL OF PROFESSIONAL SERVICES AGREEMENT WITH GEODESY IN THE AMOUNT OF $102,000 FOR DEVELOPMENT SUPPORT OF NEW COMPUTER APPLICATIONS LINKED TO THE GEOGRAPHIC INFORMATION SYSTEM (GIS)

RECOMMENDATION

Staff recommends that Council approves and authorizes the Mayor to execute the attached agreement in the amount of $102,000 for a consulting service contract with Geodesy.

DISCUSSION

Project Description
The Geographic Information System (GIS) provides accurate citywide property, utility and infrastructure information to all City staff and the public. It is a vital component of the CityWorks initiative for infrastructure management, which has been identified as a Top 5 priority by the City Council. The GIS is a central element of the City’s information infrastructure that is being integrated with several other major information systems including the Permit Tracking System, the Police Computer Aided Dispatch System, Records Management Systems and numerous infrastructure management applications. The services to be provided under this agreement will further improve the integration of the GIS with these and other systems. Additional important information systems have been identified which require professional services support for similar integration including the Utilities Customer Information System (CIS), the Fire Department run maps, and Computer Aided Design and Drafting (CADD) for infrastructure management applications. This agreement’s scope of work was developed based on input from the citywide GIS Technical Advisory Committee which guides the prioritization of GIS-related projects and is consistent with the GIS Strategic Plan.
Geodesy has been instrumental in the development of Palo Alto's GIS and related applications, including many of the applications previously mentioned. The scope of work under this agreement includes determining data requirements for integration between the GIS and Utilities CIS; creation of tools to enable the simple exchange of information between the GIS and CADD tools for use in designing infrastructure improvement projects such as water, gas, sewer and storm drainage pipeline replacements; simple, standard templates for printed map books and tools to allow automated printing of entire sets of these books; increased capabilities to link to other GIS software applications for use where their special capabilities are required; development of macro commands to increase the efficiency of users doing repetitive tasks such as mapping the installation of new utility services; development of capability to access GIS data from the field using common wireless handheld devices; revising the GIS feature dictionary to allow the inclusion of information from surrounding jurisdictions to support the City’s Information Technology Service Provider (ITSP) initiatives; and improved query capabilities for the existing applications. Geodesy’s unique understanding of the City's customized GIS system, their experience in developing GIS applications for the City, and their expertise in the City’s GIS software environment make it necessary to render the award as a sole source contract.

**RESOURCE IMPACT**

Tasks under this agreement total $102,000. Funds for this project are budgeted in Utilities CIPs 0214, 0211 and 0119 and General Fund CIPs 10215 and 19516.

**POLICY IMPLICATIONS**

This agreement does not represent any change to existing City policies.

**ENVIRONMENTAL ASSESSMENT**

Approval of this agreement does not constitute a project under the California Environmental Quality Act (CEQA); therefore, no environmental assessment is required.

**ATTACHMENTS**

Attachment A: Agreement