# CITY OF LONG BEACH
## DEPARTMENT OF TECHNOLOGY SERVICES

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November 16, 2004

HONORABLE MAYOR AND CITY COUNCIL
City of Long Beach
California

SUBJECT:   Agreement to Purchase Professional Services, Software and Training From
Environmental Systems Research Institute, Inc., (Citywide)

## DISCUSSION

In June 1992, the City Council authorized the City Manager to execute an agreement with Environmental Systems Research Institute, Inc. (ESRI), for the purchase of a geographic information system (GIS) consisting of a software license, computer hardware, and professional consulting and development services.  Since its implementation, GIS has been used extensively for mapping and analysis of the City's infrastructure, demographic analysis, facilities management, and public safety applications (Police and Fire dispatch support and crime analysis).  Additional applications supported or created using GIS include department work order systems, demographic reports, City Council redistricting, mailing label production, and underground facility management.

The Technology Services Department (TSD) has enhanced GIS over the last few years to satisfy City departments' increasing requirements for GIS data.  However, this has been difficult given the age and version of the software currently used.  There has been increasing demand for applications related to homeland security and support for the Emergency Communications and Operations Center (ECOC).  Upgrading the GIS will enable City staff to provide that support.

ESRI has moved to an "open" system architecture, which will enable City staff to more easily integrate GIS with other City applications such as the system used at the City emergency operations center for disaster management, the latest version of CrimeView which is used to analyze crime data, and the potential new land management/code enforcement system.

This new version of the ESRI software is included in the City's annual maintenance agreement at no additional cost.  However, the City must purchase training, an additional software license, and professional implementation services to upgrade ESRI to the latest version.  To assist the City with the protection of critical infrastructure, staff is proposing to use federal government grant funding from the Office for Domestic Preparedness ($42,000) and the Urban Areas Security Initiative II ($381,000) to cover the upgrade cost of GIS.

This matter was reviewed by Senior Deputy City Attorney Donna F. Gwin and Budget Management Officer David Wodynski on November 5, 2004.

## TIMING CONSIDERATIONS

City Council action on this matter is requested at the November 16, 2004 City Council meeting. The Fire Department will be requesting City Council authorization to execute all necessary documents to receive and expend the Office of Domestic Preparedness and Urban Areas Security Initiative grant funding at that same meeting.

## FISCAL IMPACT

Total expenditures by the Department of Technology Services for ESRI in FY 05 will not exceed $546,477. Of that amount, $123,477 would be spent on previously planned purchases such as software maintenance and licenses, and sufficient funding has been budgeted in the General Services Fund (IS 385) in the Technology Services Department (TS) to support this activity. The remainder will be fully offset by grant revenues from the Office of Domestic Preparedness ($42,000) and from the Urban Areas Security Initiative ($381,000). There will be no net cost to the General Fund.

IT IS RECOMMENDED THAT THE CITY COUNCIL:

Authorize the City Manager to execute an agreement, necessary documents related to the agreement, and amendments to specify the products and services with Environmental Systems Research Institute, Inc., for the purchase of professional services, software and training for the geographic information system annual maintenance and upgrades in an amount not to exceed $546,477.

Respectfully submitted,

CURTIS TANI
DIRECTOR OF TECHNOLOGY SERVICES

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APPROVED:

GERALD R. MILLER
CITY MANAGER