

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date	April 20, 2009
	Agenda Item No. 36A Roll Call No. <u>09-</u> Communication No. <u>09-231</u> Submitted by: Michael Matthes Assistant City Manager & CIO	

AGENDA HEADING:

Approval of annual software maintenance and support costs for Geographic Information System (GIS) software licensed by Environmental Systems Research Institute (ESRI) Inc. (Nate Johnson, Regional Manager, 380 New York Street, Redlands, California 92373)

SYNOPSIS:

Approval of annual software maintenance and support costs for GIS software licensed by ESRI under an exception to the competitive procurement requirements. ESRI software is the core technology selected by the City for the creation of both a City enterprise GIS, as called for in the 2008 Information Technology (IT) Strategic Plan and Assessment, and a Regional GIS as mandated by the 2003 Federal Byrne Justice Assistance Grant. This action would approve the annual maintenance and support costs for this standard software.

The Des Moines Area Regional GIS is a managed repository of mapping equipment, geographic data and digital maps that are maintained collaboratively by the Regional GIS Partners to support public safety response and emergency management throughout the Des Moines area. The City of Des Moines' IT Department hosts the Regional GIS. Current Regional GIS partners include: Ankeny, Clive, Johnston, Pleasant Hill, Polk County, Urbandale and West Des Moines. The City and the Des Moines Area Regional GIS partners have adopted the ESRI suite of GIS software as their standard platform for collaboratively maintaining regional maps and databases.

The total cost includes maintenance and support for software owned by the City prior to the Regional GIS project and for licenses purchased under the Regional GIS Grant to enable the City to host the Regional GIS. Thus, 45% of the total cost will be funded through the Operating Budget, and 55% of the total cost will be funded through the Regional GIS Grant.

This action approves the total cost of ESRI software maintenance and support, including the cost of hosting the Regional GIS.

FISCAL IMPACT:

Amount: \$52,200.00

Funding Source: This maintenance is funded from the following:

- \$23,386.81 from the 2009-2010 Operating Budget, Page 154, Information Technology Department, Fund GE001, IFT010200, Geographic Information Systems.

- \$28,813.19 from the 2003 Department of Justice Byrne Justice Assistance Congressionally Mandated Award 2003DDBX1132. 2009-2010 Capital Improvements Program, Municipal Improvements, Page 21, Fund CP034, IFT990000, Project BLD114.

ADDITIONAL INFORMATION:

The Des Moines Area Regional GIS covers the Des Moines metropolitan area including all of Polk County and the municipalities entirely or partially within Polk County. The Regional GIS is a managed repository of mapping equipment, geographic data and digital maps that are maintained collaboratively by the Regional GIS Partners to support public safety response and emergency management throughout the Des Moines area. The City and Regional GIS partners have adopted the ESRI suite of GIS software as their standard platform.

The objectives of the Regional GIS Partnership are to:

- Develop quality regional GIS maps and databases critical to public safety and emergency management
- Create regional GIS data and map standards
- Provide equipment, tools and training for the maintenance of regional GIS maps and databases
- Disseminate GIS maps and databases to public safety answering points (PSAPs) serving the Des Moines metro area
- Deliver online regional GIS maps to the public

Supporting the use of GIS to quickly and accurately dispatch 911 emergency services is the primary purpose of the Regional GIS. There are three PSAPs serving the communities in the Des Moines metropolitan area – City of Des Moines, Polk County and Westcom. For daily dispatch operations and special circumstances like mutual aid calls, each PSAP requires standardized GIS data and maps for the entire Des Moines metropolitan area.

In addition, the Regional GIS data and web applications are designed for broad use and will benefit any municipal or county service requiring metro-wide maps. For example, the data and web applications may be widely used on a daily basis by public safety, public works and human services or in special circumstances by Emergency Operations Centers (EOCs), Hazmat teams and state or federal emergency management agencies.

PREVIOUS COUNCIL ACTION(S):

Date: July 14, 2008

Roll Call Number: 08-1226

Action: ESRI for annual maintenance and support for Geographical Information System (GIS) software to be used by the IT Department, \$25,867.33. (Council Communication No. 08-391) Moved by Mahaffey to adopt. Motion Carried 7-0.

Date: April 21, 2008

Roll Call Number: 08-682

Action: Exception to procurement ordinance competitive bidding requirements for Environmental Systems Research Institute (ESRI) software and implementation training services and software for Regional Homeland Security GIS Central Repository, \$250,000. (Council Communication No. 08-208) Moved by Vlassis to adopt. Motion Carried 7-0.

Date: October 6, 2003

Roll Call Number: 03-2313

Action: Application for Federal Assistance to access grant funds for development of the Des Moines Regional Geographic Information System (GIS). (Council Communication No. 03-498). Moved by Brooks to approve. Motion Carried 5-2.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Anticipate approval of ESRI software maintenance and support costs annually.

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