



**City of Rochester Hills
AGENDA SUMMARY
FINANCIAL ITEMS**

1000 Rochester Hills Dr.
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Legislative File No: 2007-0058

TO: Mayor and City Council Members
FROM: Bob Grace, MIS Dept., Ext. #2477
DATE: January 16, 2007
SUBJECT: Software Maintenance for GIS Users

REQUEST:

Request for purchase authorization in the amount not-to-exceed \$28,922.20 to pay the yearly GIS software maintenance fee to ESRI (Environmental Systems Research Institute) of Redlands, CA.

REASON FOR PURCHASE:

ESRI is the software we use for our Geographic Information System (GIS). It's made up of several different software products. ArcIMS is the software used to create interactive mapping for the Intranet and Internet. All City employees that have access to a computer can access GIS maps through ArcIMS. Later this quarter, interactive mapping will be available to everyone from the Internet using this software. We also use ArcView (40 licenses) for the user that needs more control over the GIS tools than is available with ArcIMS. With ArcView, we can do advanced data analysis, create data output and create custom maps. The ArcInfo software, (7 licenses), is used by the advanced GIS users. This is used for data editing and advanced geoprocessing that automates GIS tasks. We use ArcPad to create data input forms to capture data in the field with the GPS units and bring that data into our GIS, and we use ArcSDE as the connection between GIS and most of our databases.

GIS is now widely used throughout the City to track information about our infrastructure such as location, condition, type and age. It is also used to create the maps used by City Departments and residents including approximately 70 maps on our website that the public can view.

Our budgeted amount for this software maintenance is \$29,000.00

PROCESS:

Vendor Name and Address:

ESRI, Inc. (Environmental Systems Research Institute); 380 New York Street, Redlands, CA 92373

Reason for Selection:

Sole Source

Method of Purchase:

Purchase Order

BUDGET:

[Click [here](#) and type Financial Implications]

Fund Name	Department Account No	Account No. Description	Budget Amount	Cost	Remaining Budget
MIS/636	636.934000	Software Maintenance	\$29,000.00	\$28,922.00	78.00

RECOMMENDATION:

It is recommended that City Council authorize the payment of \$28,922.20 for the purchase of ESRI software maintenance for the year of 2007.

RESOLUTION

NEXT AGENDA ITEM

RETURN TO AGENDA

APPROVALS:	SIGNATURE	DATE
Department Review		
Department Director	<i>Bob Grace</i>	1-17-2007
Budget Content: Finance Director	<i>Julie Ferrone</i>	1-17-07
Purchasing Process: Supervisor of Procurement	<i>Jean Faris</i>	1-17-07
Mayor		
City Council Liaison		