Condensed Title:

A Resolution Approving The Purchase Of An ESRI Small Municipal And County Enterprise License Agreement (ELA) From Environmental Systems Research Institute, Inc. (ESRI).

Key Intended Outcome Supported:

Well maintained infrastructure, Enhance mobility throughout the city, Satisfaction with Neighborhood character.

Supporting Data (Surveys, Environmental Scan, etc.):
58% of residents and 63% of businesses rated storm drainage as either 'fair' or poor'; Traffic appears as one of the most important areas affecting residents quality of life; 37% of residents rated traffic flow as poor. Traffic and Cleanliness are ranked No. 2 and 3 by residents as one of the changes that will make Miami Beach a better place to live, work, play or visit.

Issue:

Shall the Mayor and City Commission approve the purchase of an ESRI Small Municipal and County Enterprise License Agreement (ELA)?

Item Summary/Recommendation:

Currently the City has fifteen (15) ESRI individual licenses and four (4) server licenses for the City Geographic Information System (GIS). A GIS is a computer technology that combines geographic data (the location of man-made and natural features of the earth's surface) and other types of information (names, classifications, addresses, and other data) to generate visual maps and reports. The integration by the City of GIS in existing and new business processes and software has significantly increased the number of users to the point that it makes more economic sense to purchase an enterprise ESRI license rather than to continue to buy individual licenses. The ESRI Small Municipal and County Enterprise License Agreement (ELA) will grant the City access to all GIS software on an unlimited basis including maintenance of all software offered through the ELA agreement.

The current cost for a limited number of individual and server licenses is $40,907, per year. The enterprise ESRI agreement will provide unlimited access at a cost of $50,000, per year.

THE ADMINISTRATION RECOMMENDS ADOPTING THE RESOLUTION.

Advisory Board Recommendation:

Financial Information:

Source of Funds:		Amount	Account	Approved
	1	$50,000	550-0630-000325	
	2			
	3			
	4			
OBPI	Total	$50,000		

Financial Impact Summary:

City Clerk's Office Legislative Tracking:

Bert Dorrestyn, GIS Manager, ext. 6347

Sign-Offs:

Department Director	Assistant City Manager	City Manager
FHB	RCM	JMG

T:\AGENDA\2008\November 5\Consent\GIS ELA SUMM.doc

MIAMIBEACH

AGENDA ITEM C7K
DATE 11-5-08

MIAMIBEACH

City of Miami Beach, 1700 Convention Center Drive, Miami Beach, Florida 33139, www.miamibeachfl.gov

COMMISSION MEMORANDUM

TO: Mayor Matti Herrera Bower and Members of the City Commission

FROM: City Manager Jorge M. Gonzalez

DATE: November 5, 2008

SUBJECT: **RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA APPROVING THE UPGRADE OF THE YEARLY MAINTENANCE AGREEMENT FOR THE GEOGRAPHIC INFORMATION SYSTEM (GIS) SOFTWARE FROM ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE INC. (ESRI) TO A THREE YEAR ESRI SMALL MUNICIPAL AND COUNTY ENTERPRISE LICENSE AGREEMENT (ELA) STARTING DECEMBER 7, 2008, THROUGH DECEMBER 7, 2011, AT A COST OF $40,907 PAYABLE IN THREE INSTALLMENTS ON DECEMBER 7 OF EACH YEAR.**

ADMINISTRATIVE RECOMMENDATION

Adopt the Resolution.

FUNDING

From the Information Technology Department budget.

BACKGROUND

ESRI software for a Geographic Information System (GIS) was part of the original proposal for an Infrastructure Management System (IMS) in Public Works, which included a Computerized Maintenance Management System (CMMS) integrated with GIS. A Request for Proposals (RFP) was issued in 2004. ESRI software was featured in four of the five responses. The contract for the development of the CMMS portion of the project was awarded to Camper Dresser, McKee, Inc. in 2005.

The Public Works, Fire, Police, Parks and Planning Departments have, in the past, purchased individual licenses for ESRI software. Currently the City has fifteen (15) ESRI individual licenses and four (4) server licenses for the City GIS. A GIS is a computer technology that combines geographic data (the location of man-made and natural features of the earth's surface) and other types of information (names, classifications, addresses, and other data) to generate visual maps and reports. The integration by the City of GIS in existing and new business processes and software has significantly increased the number of users to the point that it makes more economic sense to purchase an enterprise ESRI license rather than to continue to buy individual licenses. The ESRI Small Municipal and County Enterprise License Agreement (ELA) will grant the City access to all GIS software on an unlimited basis including maintenance of all software offered through the ELA agreement.

The current cost for a limited number of individual and server licenses is $40,907, per year. The enterprise ESRI agreement will provide unlimited access at a cost of $50,000, per year.

The ELA agreement will provide the City with numerous benefits including:

- A lower cost per unit for licensed software.
- Substantially reduced administrative and procurement expenses.
- Maintenance on all ESRI software deployed under this agreement.
- Complete flexibility to deploy software products when and where needed at no added cost for the GIS component.

Working closely with the IT Steering Committee and the GIS User Group, the Public Works Department has made significant progress in the development of the enterprise GIS in the City. Major accomplishments include:

- CMMS operational in Utilities, Streets, Streetlights and Sanitation.
- Created Enterprise GIS Database and Web Viewer to make this data accessible to all users in the city.
- Converted all the Utility Assets into the GIS.
- Created City Wide Addressing System.
- Created City Wide Parcel Database.
- Created numerous applications to integrate GIS in new and existing business processes.

CONCLUSION

The Administration recommends adoption of the Resolution.

T:\AGENDA\2008\November 5\Consent\GIS ELA MEMO.doc

RESOLUTION NUMBER_____

RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, APPROVING AN UPGRADE FROM THE YEARLY MAINTENANCE AGREEMENT FOR THE GEOGRAPHIC INFORMATION SYSTEM (GIS) SOFTWARE FROM ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE INC. (ESRI), TO A THREE YEAR ESRI SMALL MUNICIPAL AND COUNTY ENTERPRISE LICENSE AGREEMENT (ELA), EFFECTIVE DECEMBER 7, 2008, THROUGH DECEMBER 7, 2011, AT A COST OF $40,907.

WHEREAS, various City departments are using ESRI individual licenses, which provide limited access to GIS data; and

WHEREAS, the purchase of ESRI site licenses has set the interoperability standard for GIS in the City; and

WHEREAS, the use of GIS in the City has increased significantly and it makes more economic sense to purchase an enterprise license; and

WHEREAS, the purchase of an ESRI Small Municipal and County Enterprise License Agreement (ELA), at a cost of $40,907, will provide effective unlimited access to GIS information.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA that the Mayor and City Commission hereby approve the upgrade from the yearly maintenance agreement for the Geographic Information System (GIS) software from Environmental Systems Research Institute Inc. (ESRI), to a three year ESRI Small Municipal and County Enterprise License Agreement (ELA), effective December 7, 2008, through December 7, 2011, at a cost of $40,907 (payable in three installments on December 7 of each year).

Passed and adopted this_____day of_____, 2008.

_____
MAYOR

ATTEST: _____
CITY CLERK

T:\AGENDA\2008\November 5\Consent\GIS ELA RESO.doc

APPROVED AS TO FORM & LANGUAGE & FOR EXECUTION

_____ 10/27/08
City Attorney Date

THIS PAGE INTENTIONALLY LEFT BLANK