



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING

#13-1100

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Lee Feldman, ICMA-CM, City Manager

DATE: September 3, 2013

TITLE: Motion to approve the purchase of computer hardware and software to
upgrade the Emergency Operations Center data center - \$112,200

Recommendation

It is recommended that the City Commission approve the purchase of system hardware and software for the Emergency Operations Center (EOC) data center utilizing competitively bid government contracts from Computer Systems Support, Inc., CDW Government LLC, Dell Marketing Limited Partnership and SHI International Corp. for a total cost estimated not to exceed \$112,200.

Background

Due to changes in Microsoft licensing of its database management software (SQL Server) and the requirements of the newest version of the ESRI (Environmental Systems Research Institute) GIS (Geographic Information System) development software, the Information Technology Services Department is recommending migration of Microsoft SQL Server licenses to a virtual server environment. This migration provides licensing compliance, continued efforts to expand virtualization, and is more cost effective. This software will primarily be used at the City's EOC but will also serve as a fail-over solution should the GIS systems at City Hall become inoperative for any reason. The solution being proposed here involves both new hardware and software so that the needs of the GIS software can be met as well as providing an initial step in building a disaster recovery site at the EOC. This initial step will allow the City's payroll system to be run on the hardware at the EOC should the City Hall data center suffer damage following a hurricane or other disaster. The solution being proposed is scalable and could be expanded in the future to run all of the City's critical systems. The EOC is being selected for disaster recovery because it is the only data center which is rated for a category V Hurricane. The data centers at Police, City Hall, and Public Works do not meet this requirement.

1. Computer Systems Support, Inc. will provide the Hewlett Packard hardware for virtual servers at an estimated cost of \$53,710 under the State of Florida Contract 250-000-09-1.

2. CDW Government LLC will provide a disk storage system at an estimated cost of \$53,650 under the State of Florida Contract 250-000-09-1.
3. Dell Marketing Limited Partnership will provide the backup and monitoring software at an estimated cost of \$2,118 under the Western States Contracting Alliance (WSCA) B27160.
4. SHI International Corp. will provide the operating system software for the servers at an estimated cost of \$2,722 under the State of Florida Contract 252-001-09-1.

Resource Impact

There will be a fiscal impact to the City in the amount of \$112,200.

FUNDS AVAILABILTY LOCATION:

FY	FUND	SUB FUND	FUND NAME	INDEX #	INDEX NAME	SUB OBJ #	SUBOBJECT NAME	AMOUNT
2013	581	01	Central Services	ITS050101	Infrastructure & Operations	3907	Data Proc Supplies	\$4,840
2013	581	01	Central Services	ITS050101	Infrastructure & Operations	6405	Computer Equipment	\$107,360
TOTAL								\$112,200

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Department Director: Mike Maier, Information Technology Services