

EXECUTIVE SUMMARY



TO: Bob Vitas, City Manager

FROM: Patti McLauchlin, Information Technology Director

DATE: 11/5/2013

SUBJECT: Purchase of Network Servers - IBM 1U High Density Rack Mount Server's

ACTION STATEMENT:

City of Key West City Commission is respectfully requested to approve the purchase of the following IBM Server equipment from GovConnect, Inc. at a total cost of \$23,923.08.

<u>Qty</u>	<u>Item Number</u>	<u>Description</u>	<u>Unit Price</u>	<u>Extended Price</u>
4	13811929	System x3550 M4 1U RM Xeon 6C	\$2,659.18	\$10,636.72
4	13813271	Processor, Xeon 6C E5-2640 2.50Ghz	\$1,118.52	\$4,474.08
24	13115958	16GB PC3-10600 DDR3 RDIMM for System x	\$166.08	\$3,985.92
8	13770240	146GB 15000 RPM SAS 6GB/s 2.5 Hot Swap Hard Drive	\$210.95	\$1,687.60
4	10547333	Ultra Slim SATA Combo DVD-ROM Internal Drive	\$65.00	\$260.00
4	13813262	550W High Efficiency Platinum AC Power Supply for System x	\$187.13	\$748.52
4	13804315	3-Year ServicePac IOR 24x7x4-hour Onsite Repair	\$532.56	\$2,130.24
TOTAL				\$23,923.08

The aforementioned equipment is being purchased pursuant to City of Key West Code Section 2-797 (4) (b.). Formal competitive bidding procedures for acquisitions which exceed \$20,000 were substituted with three (3) written competitive quotes from GovConnect, Inc., Midrange Support and Services, Inc., and SHI, Inc.

BACKGROUND:

The City of Key West has a Technology Replacement Plan in place to ensure all technology at the various city locations is kept up-to-date. One of the goals of the plan is replacing hardware infrastructure that has met or exceeded technical obsolescence. The City's current IBM Blade Center S System which houses the hardware that provides virtual servers for the City of Key West network is 5-years old. Extensive research was conducted with IBM, Cisco, Dell and Hewlett Packard in regards to solutions that could potentially replace the existing Blade Centers with current technology and hardware.

Based on our research we have decided to move to individual small high density servers. The servers will provide the hardware and redundancy needed to host all the virtual servers for the City of Key West network at a much lower upfront and long term cost. The individual server configuration reduces the complexity and chances of a component failure that could cause down time in a single Blade System Chassis.

FINANCIAL IMPACT:

To use existing monies in the FY 2013-14 budget.

RECOMMENDATION:

Approve the purchase of the aforementioned Server equipment GovConnect at a total cost of \$23,923.08.