

EXECUTIVE SUMMARY



TO: Bob Vitas, City Manager

FROM: Mark Z. Finigan, Assistant City Manager, Admin.

DATE: 11/5/2012

SUBJECT: Refresh of Network Core Switch
Purchase of Cisco Switching Equipment – PRESIDIO

ACTION STATEMENT:

City of Key West City Commission is respectfully requested to approve the purchase of the following Cisco switching component which makeup a single unit from Presidio at a total cost of \$34,398.88.

<u>Qty</u>	<u>Manuf. Part#</u>	<u>Description</u>	<u>Unit Price</u>	<u>Extended Price</u>
1	WS-C4510RE-S7+96V	Catalyst 4510R+E Chassis Bundle 2-WS-X4748-RJ45V+E SUP7-E	\$20,147.37	\$20,147.37
1	PWR-C45-2800ACV	2800W AC Power Supply	\$ 1,218.00	\$ 1,218.00
1	PWR-C45-2800ACV/2	Redundant 2800W AC Power Supply	\$ 1,218.00	\$ 1,218.00
2	SFP-10G-LRM	10GBASE-LRM SFP Transceiver	\$ 790.63	\$ 1,581.26
1	WS-X45-SUP7-E/2	E-Series Supervisor-848Gbps	\$ 12,207.47	\$ 12,207.47
1	C4500E-LB-IPB	LAN Base to IP Base License	\$ 6,102.21	\$ 6,102.21
1	CON-SNTP-4510RES7	SMARTNET 24x7x4 4510R+E Chassis, two WS-X4748-RJ45V+E (1 year)	\$ 3,509.58	\$ 3,509.58
1	Trade-In Cisco (Equip)	Trade-In Cisco (return equip Req)	\$ (11,585.01)	\$ (11,585.01)
TOTAL				\$ 34,398.88

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 GovConnection, Presidio, and SHI.

BACKGROUND:

The existing core switch for the City network (Cisco Catalyst 4506) was purchased seven (7) years ago. The City has out grown the switch as well as the switch has reached its end of life.

The replacement model that is being proposed is a Cisco Catalyst 4510R+E Switch. The proposed replacement switch has redundant power supplies, fans, and management modules. This Switch is the heart of the network communication infrastructure for the City of Key West to include the Police and Fire Departments.

Technical Services Provided with new Cisco Catalyst 4510R+E Switch

Cisco SMARTnet Service

- Around-the-clock, global access to the Cisco Technical Assistance Center (TAC)
- Unrestricted access to the extensive Cisco.com resources, communities, and tools
- Next-business-day, 8x5x4, 24x7x4, and 24x7x2 advance hardware replacement² and onsite parts replacement and installation available
- Ongoing operating system software updates within the licensed feature set¹
- Proactive diagnostics and real-time alerts on Smart Call Home-enabled devices

Cisco Smart Foundation Service

- Next business day advance hardware replacement as available
- Business hours access to SMB TAC (access levels vary by region)
- Access to Cisco.com SMB knowledge base
- Online technical resources through Smart Foundation Portal
- Operating system software bug fixes and patches

Cisco Focused Technical Support Services

Three levels of premium, high-touch services are available:

- Cisco High-Touch Operations Management Service
- Cisco High-Touch Technical Support Service
- Cisco High-Touch Engineering Service

FINANCIAL IMPACT:

The FY 2012-13 City of Key West budget included an appropriation for the requested network infrastructure equipment.

RECOMMENDATION:

Approve the purchase of the aforementioned network equipment from Presidio at a total cost of \$34,398.88.