

PSAP Grant Program Grant Ranker

View Application--94--Lynchburg - Network

Grant Period: 2010

Tier: Replacement of technically outdated wireless E-911 equipment or service to enable primary PSAP to maintain current service levels to the general public (**TECHNICALLY OUTDATED**)

Grant Program: Continuity and Consolidation **Grant Type:** Individual PSAP

Priority: Computer System networking improvements for items included in this program (**NETWORK**)

Primary PSAP Applicants: Lynchburg ECC

Jurisdictions Served: Lynchburg, City of

Project Director:

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Project Description:

Total Project Cost \$14,031.00

Amount Requested: \$14,031.00

Statement of Need:

The Lynchburg Emergency Communications Center is located within its own facility and includes a high speed Local Area Network (LAN). This LAN allows communication between all local servers, to include the Computer Aided Dispatch (CAD) server and the message switch, and all external City resources, to include the Internet and all City servers. In the fast-paced call taking processes, which include taking wireless 911 calls for service, it is imperative that the network perform with top efficiency. The current LAN configuration includes three 10/100 megabit switches to allow for speed and redundancy of processes. We have had two failures in the past year with the current equipment, the last being fatal for one switch. The proposed replacement switches would be faster (1,000 megabit) and would be configured in a similar fashion.

Comprehensive Project Description:

The project would involve the purchase and installation of three network switches. The equipment would be installed and tested by network engineers before releasing to active duty.

How will the equipment purchased will support future technologies for PSAP readiness?:

The increased speed of the new switches would enhance our preparations to move towards the next generation of 911 by handling more data in a more efficient manner.

Budget and Budget Narrative:

Attached please find a quote for the network switch equipment.

Evaluation:

The performance of the network is constantly monitored by network administrators.

Attachments

NETWORK SWITCHES.pdf

Product	Description	Quantity	List Price	Contract Pri	Extd. Price
3750G-24PS					
WS-C3750G-24PS-S	Catalyst 3750 24 10/100/1000T PoE + 4 SFP + IPB Image	3	7,795.00	\$4,677.00	\$14,031.00
CAB-STACK-50CM	Cisco StackWise 50CM Stacking Cable	3	0	\$0.00	\$0.00
CAB-16AWG-AC	AC Power cord, 16AWG	3	0	\$0.00	\$0.00
CON-SNT-3750G24P	SMARTNET 8X5XNBD Cat 3750 24 10/100/1000T PoE + 4 SF	3	545	\$0.00	\$0.00
Grand Total					\$14,031.00