

## PSAP Grant Program Grant Ranker

# View Application--35--Wireless 911 Trunks

**Grant Period:** 2009

**Tier:** Strengthen current equipment and service delivery capability by upgrading existing wireless E-911 related equipment or services (**STRENGTHEN**)

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

**Priority:** Other (**OTHER**)

**Primary PSAP Applicants:** Lynchburg ECC

**Jurisdictions Served:** Lynchburg

### **Project Director:**

William A. Aldrich  
Director

Lynchburg Emergency Communications 3621 Candler Mountain Rd. Lynchburg, VA 24502

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### **Project Description:**

Recent line load studies show that we need to add two (2) additional wireless 911 trunks to our system. Funding is being requested for the hardware necessary to activate the trunks, which will be obtained through the VITA contract.

**Total Project Cost** \$10,600.00

**Amount Requested:** \$8,480.00

**Matching Funds:** \$2,120.00

**Additional Local Funds:** \$0.00

### **Statement of Need:**

It has been observed in the Comm Center that more and more often a single event such as an accident on a busy highway can cause all the available wireless 911 trunks to go busy. I requested a line load study from Verizon and it showed that based on line usage we currently had insufficient lines, suggesting that we go from four (4) to six (6) wireless trunks. Also, our calculations of total 911 calls show that wireless 911 calls have been rising for the past several years. Adding lines will prevent premature overload of our systems during high call volume events.

### **Project Impact:**

Adding additional wireless 911 lines will enable us to handle more wireless calls during high volume hours. It will help prevent callers from getting a busy signal.

### **Consequence of Not Receiving:**

We will continue service as currently provided. If the number of wireless 911 calls continue to rise than an

increased number of persons getting busy signals when calling will occur.

**Part of Long Term or Strategic Plan?:** No

**Likelihood of Completion Unfunded?:** 50%

**Other Available Funding Sources?:** Yes

**Percent of Grant Funding Requested To Total Funding Cost?:** 80%

**Is Project Locally Sustainable?:** Yes

**Comprehensive Project Description:**

Upon approval of the grant the equipment necessary to install the two (2) additional wireless trunks will be ordered from Verizon. The actual trunks will be ordered through the State Contract process. Verizon will be responsible for the delivery, installation, and final activation of the new trunks. The process should not take over six (6) months from the time of the grant award.

**What type of interface or compatibility solution will be used between existing equipment and/or software and that which you intend to purchase?:**

No new interface or compatibility solution will be required to install these trunks.

**What is the overall relationship of your project to your PSAP or locality's established long-range future plans?:**

The additional trunks will allow us to continue to provide a locally acceptable level of wireless 911 services to the community.

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

The new trunks will increase the PSAP's capacity for handling wireless 911 calls for service.

**Budget and Budget Narrative:**

Attached please find a detail budgetary quote for the installation of the equipment necessary to support two (2) additional wireless 911 trunks.

**Ongoing Expenses:**

Long-term maintenance of the trunks will be added to the existing contract and paid for through the normal budget process for the Center.

**Evaluation:**

The newly installed trunks will be fully tested by Verizon technicians prior to our acceptance of the contracted work. Future line load studies will continue to be run to assure adequate lines available for the call taking process.

**What are the short term, intermediate, and/or long-term outcomes desired for this project?:**

To increase wireless 911 trunk capacity here at the Center.

**What measures will be used to determine outcomes?:**

Future Verizon line load studies.

**How will data be collected and how will evaluations be conducted?:**

Verizon line load study.

**How will data be presented?:**

A report from Verizon.

**Attachments**

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[Wireless Trunk Quote.pdf](#)



Quote #      Revision #      Date  
 1                      11/16/2007

**Bill To:**

CITY OF LYNCHBURG 911  
 3621 Candler's Mountain Rd

Lynchburg, VA 24502

**Attn:**

**Customer Ship To:**

CITY OF LYNCHBURG 911  
 3621 Candler's Mountain Rd

Lynchburg, VA 24502

**Attn:**

<b>Quote Date</b> 11/16/2007	<b>Project Engineer</b> Ainsworth Sewell	<b>NSE</b> Ainsworth Sewell	<b>CAM</b> Tom Griffith
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**BUDGETARY Quote for two WIRELESS trunks**

MatCode	Description	Qty	Price	Extended
73013071	ACTIVE CAMA MODULE	2	\$3,750.00	\$7,500

**PRICING SUMMARY**

TOTAL EQUIPMENT PRICE	\$7,500.00
LABOR CHARGES	\$400.00
ADDITIONAL MINOR MATERIALS	\$50.11
OTHER CHARGES	\$100.00
SHIPPING & HANDLING	\$40.00
WARRANTY/MAINTENANCE	2,500.00
TOTAL SYSTEMS PRICE	\$10,590.11

PRICING IS VALID FOR ONLY 45 DAYS FROM QUOTE DATE

PRICES DO NOT INCLUDE TAXES

THE EQUIPMENT LISTED ON THIS QUOTE IS SOLELY FOR DOMESTIC USE IN THE UNITED STATES  
 VERIZON PROPRIETARY INFORMATION



Quote #	Revision #	Date
1		11/16/2007

### Quote Notes

1. THIS IS A BUDGETARY QUOTE FOR TWO 911 WIRELESS TRUNK CARDS A FIRM QUOTE WILL BE PROVIDED AT A LATER DATE.

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