

PSAP Grant Program Grant Ranker

View Application--39--Patrick County Grant Funding Request

Grant Period: 2009

Tier: Replacement of technically outdated wireless E-911 equipment or service to enable primary PSAP to maintain current service levels to the general public (**TECHNICALLY OUTDATED**)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

Priority: Radio consoles (**CONSOLES**)

Primary PSAP Applicants: Patrick County

Jurisdictions Served: Patrick

Project Director:

Mickie Martin
E911 Coordinator
P.O. Box 933 105 Orchard Street Stuart, VA 24171
276-694-3161 (phone)
276-694-5033 (fax)
mmartinpcso@kimbanet.com

Project Description:

The goal of this project is to replace the radio consoles and the Netclock used by the Patrick County Sheriffs Office 911 Center for police, fire, and emergency medical service. Currently, the dispatch center has two positions. In addition to replacing these two consoles, we would add two consoles to further enhance the regional project between Franklin County, Henry County, Martinsville City and Patrick County for backup centers. Our radio consoles and Netclock were installed in 1999. The systems are technically outdated and are at the end of their service life.

Total Project Cost \$150,000.00

Amount Requested: \$120,000.00

Matching Funds: \$30,000.00

Additional Local Funds:

Statement of Need:

In 1999, we installed two radio consoles in the dispatch center. This equipment has been very reliable and has served our center very well, however, according to manufacturing standards the equipment is long past it's life cycle. The system currently runs on the Windows NT operating system and needs to be upgraded. It is our goal to replace this equipment with up-to-date and reliable equipment. It is our desire to expand our center to four positions. This will allow our center to handle emergency calls in a more timely manner during peak times and further enhances our plans for a regional backup center for Franklin County, Henry County and Martinsville City. Patrick County is not in a financial position to fund this project at this time.

Project Impact:

Requests from the general public for emergency services must be processed and relayed to emergency responders in the field via radio in a timely manner. Without this equipment our operational services will be greatly impacted. In the public safety setting, the most efficient method of contacting emergency responders in the field is by radio.

Consequence of Not Receiving:

Due to budget constraints, it is not possible to fund the replacement of this critical equipment without the assistance of the Virginia Wireless Services Board Grant Program. It is vital to the safety of the general public and our emergency responders to upgrade this equipment. Without replacement of this equipment, Patrick County would not be able to adequately serve as a backup in the regional initiative between Franklin, Henry, Patrick Counties and Martinsville City

Part of Long Term or Strategic Plan?: No

Likelihood of Completion Unfunded?: 0%

Other Available Funding Sources?: No

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

Is Project Locally Sustainable?: Yes

Comprehensive Project Description:

The overall goal in this project is to replace old and outdated equipment and software in the Patrick County Sheriffs Office 911 Center with modern radio consoles. This equipment will be used to dispatch fire, rescue and sheriff's office personnel in response to emergency wireline and wireless 911 calls. In addition to replacement of the current two radio consoles, it is our desire to add two additional consoles that will be required to allow Patrick County to service as a backup center for Franklin County, and Martinsville/Henry County 911 Center. This equipment will also serve Patrick County's 911 center with additional positions to handle everyday emergency and routine radio traffic. The four jurisdictions (three agencies) named above have been heavily involved in establishing backup centers for each other as well as upgrading their current 911 systems with a Next Generation 911 Solution. There are several components that need to be in place to make this happen. For Patrick County, radio consoles are a critical part of that plan.

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

Before purchasing any equipment or software, all compatibility issues will be addressed to ensure that the goals of a NG911 Solution and backup center will be met.

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

This project is long overdue. While our current equipment has served our agency and the citizens of this county well, it must be updated with reliable and modern equipment.

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

This project is one component of a 911 system that will be take our center into Next Generation 911.

Budget and Budget Narrative:

Patrick County Sheriff's Office 911 Center desires to purchase four radio consoles and upgrade our NetClock. Budgetary costs have estimated it will cost \$150,000 to complete this project.

Ongoing Expenses:

It is anticipated that there will be an increase in maintenance costs for the radio consoles. These costs will be paid for by Patrick County and any available funds through the Virginia Wireless Services Board as appropriate.

Evaluation:

At the completion of the installation of this equipment, there will be measures to test the stability and performance of the equipment under realistic conditions.

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

The desired outcome for this project is both short-term and long-term. Ultimately, it is our desire to replace outdated equipment as soon as possible. It is also our hope that this will further our goal of providing a backup center for the two other agencies in times of disaster or evacuation due to bomb threats, fire, or many other reasons.

What measures will be used to determine outcomes?:

Performance testing criteria will be agreed upon by all key stakeholders in this project prior to procurement of the equipment. Documentation for the testing will be required.

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

The reliability and stability of the equipment is crucial to the daily emergency operations of our agency. Upon completion of the installation, the system will be tested for ease of use, performance under realistic conditions, and for compliance according to all specifications outlined in the proposal. Synergem, a private consulting firm, with expertise in this field, will be the primary collector and evaluator of tests performed, as overseen by all other stakeholders.

How will data be presented?:

Synergem will prepare documentation as to the performance outcomes of the system as established in the testing criteria.

Attachments

Patrick County Console Budget Dec 07.doc
Netclock.JPG



GCS Electronics & Communications

Complete Two-Way Radio Systems for Business, Government, & Industry

200 Sellers Street
Martinsville, VA 24112

Phone: 276-632-9700
Fax: 276-638-1315

e-mail: gsmith@gcseac.com
Web: www.gcseac.com

December 14, 2007

Patrick County 911

QUOTATION

Budgetary Quotation for 911 Radio Console Replacement:

Zetron Series 4000 Touchscreen 10 Channels 4 Positions Installation 1 Year Warranty	\$143,000.00
Annual Support (4 Positions) (lightning and physical damage excluded)	\$ 7,500.00

BY: _____
Giles Smith

QUOTE

March 23, 2007

Mickie Martin
E911 Coordinator
Patrick County Sheriff's Office
105 Orchard Street
Stuart, VA 24171

Thank you for the opportunity to quote our time synchronization equipment. We are pleased to submit the following quotation for your consideration.

Qty	Model	Description	Price	Extended Price
1	9283	NetClock/GPS master clock	\$4,295	\$4,295
1	Opt 05	OCXO Oscillator in 9183 for better hold over if loss of GPS	\$695	\$695
1	PSP-9283	Premium Support Package (Details Attached)	\$599	\$599
		Total		\$5,589
		Optional Equipment		
1	TV400W	TimeView 400; 4" Digital Display Clock	\$845	\$845
1	TV210W	TimeView 210; 2.3" Digital Display Clock	\$655	\$655

Spectracom has been designing and manufacturing NetClock GPS master clocks for over 30 years. We synchronize over 4000 Government agencies in North America. We take pride in the quality of our products and offer an industry leading 5-year warranty and excellent tech support. I look forward to getting you set up with a Spectracom NetClock and having the opportunity to earn your business.

Our Pricing is based upon the following:

- 5-year Spectracom warranty
- Shipment stock to 4 weeks after acceptance of order
- All Shipping Charges paid by customer.
- FOB Rochester NY
- Credit Terms are Net/30 with credit approval
- All pricing above is firm for order placement within 30 days from date of this quotation.
- Spectracom's standard terms and conditions apply
- Installation is not included in this proposal

Sincerely,
Michael Messina
Technical Sales
Direct: 585-321-5850
Cell: 585-704-8609
Fax: 585-321-5218