

**FY16**

**PSAP GRANT PROGRAM  
APPLICATION**



VIRGINIA INFORMATION  
TECHNOLOGIES AGENCY  
Integrated Services Division



## FY16 PSAP GRANT PROGRAM APPLICATION

### HOW TO APPLY/DEADLINE

The grant application is available and accessible from VITA's Integrated Services Program's website

(<http://www.vita.virginia.gov/isp/default.aspx?id=8578>). Upon completion of the application, it is to be submitted to your Regional Coordinator. Any supporting documentation must also be submitted along with the application, including mandatory budgets for projects (if applicable).

After the close of the grant application cycle, a Grant ID and email receipt notification will be sent to the e-mail address listed on the application received.

All funding requests must be submitted using the grant application. Technical assistance is available from VITA's Public Safety Communications (PSC) staff throughout the grant process. The FY16 PSAP Grant Application Cycle starts July 1, 2014 and concludes on September 30, 2014 at 5:00 pm.

**ALL APPLICABLE SECTIONS MUST BE COMPLETED IN ITS ENTIRETY OR THE APPLICATION WILL BE CONSIDERED INCOMPLETE AND NOT ACCEPTED FOR CONSIDERATION.**



## FY16 PSAP GRANT APPLICATION

### PROJECT TITLE

Page County Radio Consoles

### GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Page County Emergency Communication Center

CONTACT TITLE: Grant Specialist

CONTACT FIRST NAME: Tina

CONTACT LAST NAME: Sumpter

ADDRESS 1: 108 South Court Street

ADDRESS 2: 1T

CITY: Luray

ZIP CODE: 22835

CONTACT EMAIL: grants@pagesheriff.com

CONTACT PHONE NUMBER: 540-843-4506

CONTACT MOBILE NUMBER:

CONTACT FAX NUMBER: 540-743-1252

REGIONAL COORDINATOR: Amy Ozeki

### HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

#### Page County Emergency Communication Center

<u>Page County</u>	<u>Town of Shenandoah</u>
<u>Town of Luray</u>	<u>Rileyville, VA</u>
<u>Town of Stanley</u>	

### GRANT TYPE

- Individual PSAP
- Regional Initiative
- Secondary Consolidation
- Shared Services
- Consolidation
-



**GRANT PROGRAM TYPE**

- Continuity and Consolidation
- Enhancement

**TIER**

- Out of Service
- Technically Outdated\*
- Not Applicable
- Non-Vendor Supported\*
- Strengthen

**If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.**

VERSION:	# YEARS of HARDWARE/SOFTWARE:
<b>Centracom Gold Series</b>	<b>11 years</b>

**PRIORITY/PROJECT FOCUS**

**If "Other" selected, please specify: 1T**

**FINANCIAL DATA**

Amount Requested: \$ 143,217  
 Total Project Cost: \$ 143,217



## STATEMENT OF NEED

This statement should reference the relationship to the current funding priorities established by the Grant Committee and include evidence of any financial need, along with additional information on the impact on operational services; consequences of not receiving funding; inclusion of project in a long-term or a strategic plan; and local sustainability:

The Page County PSAP is requesting \$143,217 to replace the non-vendor supported 11 year old radio consoles with a console modular workstation that can control multiple wireless radio systems and provide maximum control and reliability for the more sophisticated p25 conventional and trunking communications systems. The consoles last ship date was December 31, 2011. The vendor will provide support as long as parts are available. Once there are no parts available they will no longer provide support. The consoles are no longer meeting the needs of the normal daily operations. During a larger scale emergencies and/or disaster the radio system has gone down and/or hasn't been able to handle the additional demand on the system.

June 30, 2012, Page County experienced a storm that crippled parts of the county with severe flooding and power outages. During this disaster the system couldn't handle the demand and the 911 calls for Page County were forward to Warren County.

This request for funding aligns with the grant committee current priorities because the project will be replacing radio consoles that are non-vendor supported which is priority #53. The consoles provide fully functioned dispatch capabilities for conventional radio systems. It is an extensive portfolio of integrated communications and information solutions and is intended to be the heart of all communications in a small to medium sized, conventional radio systems.

Page County is a rural community of 24,042 citizens. Due to recent budget constraints the Page County PSAP does not have sufficient funds for the project. Page County has been plagued with a high unemployment rate since 2001. Page County is a tourist area and not being able to communicate during a emergency or disaster would have an enormous impact on the community. March 2014 the unemployment rate was 9.8%, Virginia unemployment rate was 5.3% and the national unemployment rate was 6.8%. Page County unemployment rate was almost double what the Virginia's unemployment rate was.

In addition, Page County is a tourist area and not being able to communicate during an emergency or disaster would have an enormous impact on the community.

The consequences of not receiving this funding will be that we won't be able to replace the technically outdated radio consoles.

This project is part of a long term strategic plan to replace systems that are no longer vendor supported or technically outdated. These systems/equipment are not meeting the demand of the PSAP and the maintenance cost is increasing yearly.

This project will be locally sustained through the help of the PSAP and the vendor by providing



Describe how the grant will be maintained and supported in the future, if applicable.

The grant will be maintained and supported in the future by the Page County Communication Center Budget. The Page County Communication Center will submit the cost of managing and maintenance of the voice recorders in their budget for the Board of Supervisors approval. In addition, we will continue to search and apply for grant funding not only to maintain and support this project but to continue to strengthen and enhance our PSAP.

### **COMPREHENSIVE PROJECT DESCRIPTION**



Provide a thorough, concise, and complete description of the project, including an outline of the goals and objectives, implementation strategy, and a work plan.

This project will replace the existing non-vendor supported Centracom Gold Series Radio Consoles at the Page County PSAP. The consoles were purchased with grant funds in 2003. The current radio consoles in the Page County Emergency Communication Center will not meet the emergency communication needs during a larger scale emergency and/or disaster. If we add the tourist population influx of over 600,000 annually, there is no way that the current radio consoles will meet the communication demand. Our current radio consoles will be well above their communications capacity. In addition, to the radios not being vendor supported they aren't P25 compatible. Replacing the consoles will increase the availability of emergency communications during a larger scale emergency and/or disaster. This project will increase our interoperability and operability.

**Goal #1:** Strengthen the PSAP by providing a mission-critical radio communications.

*Objective #1:* implement the radio consoles.

Implementation Strategy: The Page County PSAP plans to implement this project through the use of a third party vendor(s). The vendor(s) will be responsible for developing an implementation strategy sufficient for project success. The PSAP will assist the vendor(s) through project coordination, meetings, conference calls, and other required resources in order to ensure a successful project. A final implementation plan will be developed upon initiation.

The PSAP plans to implement this project as part of a comprehensive plan for replacing non-vendor supported and technically outdated equipment at the Page County PSAP. The PSAP plans to utilize a third party vendor(s) in order to develop a work plan and implementation process for this project.



### FOR CONTINUITY AND CONSOLIDATION OR ENHANCEMENT PROJECTS:

PROJECT TIMELINE – Select each applicable phase of the project and indicate the estimated completion date. Sample activities for each phase can be found in the PSAP Grant Program Guidelines as well as on the addendum to this form.

PROJECT PHASE	ESTIMATED COMPLETION DATE
<input checked="" type="checkbox"/> <b>INITIATION</b> (Project approved by appropriate stakeholders)	08 / 30 / 15
<input checked="" type="checkbox"/> <b>DESIGN/PLANNING</b> (Project, system, or solution requirements are developed)	10 / 30 / 15
<input checked="" type="checkbox"/> <b>ACQUISITION</b> (Selected system or solution is procured)	12 / 30 / 15
<input checked="" type="checkbox"/> <b>IMPLEMENTATION</b> (Selected system or solution is configured and installed)	12 / 30 / 16
<input checked="" type="checkbox"/> <b>TESTING/COMPLETION</b> (Selected system or solution is tested and put in production)	06 / 30 / 16

Identify the longevity or sustainability of the project.

Once implemented the Page County PSAP will have the ability to sustain the project going forward.



Describe how this project supports the Virginia Statewide Comprehensive 9-1-1 Plan.

This project supports the Virginia Statewide E-911 Strategic Comprehensive plan by providing a standard level of emergency response to the public. This project will allow us to work toward achieving Goal A of the 2.2 Strategic Goals. The goal will be for law enforcement and emergency rescue to provide consistent emergency response to everyone within Page County, at any time during the day, and during any event. The project will provide continuity the PSAP by replacing the non-vendor supported radio consoles.

**SHARED SERVICES/REGIONAL INITIATIVE (if applicable)**

The relationship of the initiative to the participating PSAPs:  
n/a

Intended collaborative efforts:  
n/a

Resource sharing:  
n/a

How does the initiative impacts the operational or strategic plans of the participating agencies:  
n/a

**CONSOLIDATION (Primary or Secondary) - (if applicable)**



How would a consolidation take place and provide improved service:

n/a

How should it be organized and staffed:

n/a

What services should it perform:

n/a

How should policies be made and changed:

n/a

How should it be funded:

n/a

What communication changes or improvements should be made in order to better support operations:

n/a

## **BUDGET AND BUDGET NARRATIVE**



List the planned expenditures to be made with grant funds. (NOTE: In lieu of a line item breakdown, an itemized cost schedule or detailed vendor prepared quote may be submitted as an attachment. However, budgetary quotes received from a particular vendor(s) during the application process do not commit the PSAP to use that vendor(s) once the grant is awarded.) Briefly explain the reason for each requested budget item and provide the basis for its cost. In addition, if contingency cost has been added, please identify the amount.

**(2) Radio Consoles @ \$62,268.00** **Total      \$124,536.00**

The consoles are modular workstations that can control multiple wireless radio systems and provide maximum control and reliability for the more sophisticated p25 conventional and trunking communication system.

The multifunctional console displays key radio, telephone, paging, and signaling resources on one screen, so dispatchers can access them all at the touch-of-a-button.

The distributed TDM switch is the architecture of the console. It utilizes a distributed TDM switch with a separate audio unit at each operator position. This, combined with comprehensive diagnostics and automatic switching, allows the console to provide fully redundant and self-healing solution.

The integrated Control Room allows the integrated radio, paging and telephone; dispatch teams can effectively manage all of the resources at their disposal. The consoles is an integrated solution for dispatch console, vest E911, ERR and fire alerting.

Then enhanced monitoring on the dispatch console not only automates the monitoring and testing of the system components, it can also generate statistical reports and complete log dispatcher operations.

The multiple systems support the consoles in a variety of systems including Stat-Alert, Sucurenent, ASTRO, and Wireless Interface for systems.

Without this equipment we won't be able to provide adequate communication that will be required during a large scale emergency or disaster. Our current system isn't technically capable of handling the demands of a large scale emergency and disaster. If a radio base goes down we won't have the capability of fixing the base or replacing it.

The equipment cost is based on a project estimate from the vendor.

**IT Assistance @ \$18,681.00** **Total \$18,681.00**

The IT Assistance will be contractual IT hours that will be conducting during the project while assisting the vendor with installing the radio consoles. The IT hours is a flat rate based on the cost equation that is utilized for IT projects of 15% of the equipment to total an estimate of \$18,681.00.

**Overall Total: \$143,217.00**



## EVALUATION

How will the project be evaluated and measured for achievement and success:

The Page County PSAP will evaluate and measure the achievements of this project by working with a third party vendor.

The PSAP will require that the vendor:

- Establish timelines, goals and benchmarks
- To implement a project implementations document outlining each phase and when each phase is completed
- Follow a payment schedule which coincides with each phase of the implementation

In addition, the PSAP will require that a portion of payment be withheld until the project has been completed.



## FINANCIAL AND PROGRAMMATIC REPORT

### PROJECT PHASES

### SAMPLE ACTIVITIES

#### PHASE

#### SAMPLE ACTIVITIES

##### INITIATION

(Project approved by appropriate stakeholders)

- Project concept is documented
- Local Board or governing authority approval or endorsement is received
- PSAP grant application is filed
- Local budgets are obtained
- Appropriated grant funds are approved
- Budgetary estimates are obtained

##### DESIGN/PLANNING

(Project, system, or solution requirements are developed)

- Requirements are documented
- Components to be purchased are identified
- General design is documented

##### ACQUISITION

(Selected system or solution is procured)

- RFP (or other bid related processes) are drafted
- Proposals are evaluated
- Contract is signed
- Purchase orders are issued
- Quotes are obtained/grant funds draw down

##### IMPLEMENTATION

(Selected system or solution is configured and installed)

- Purchased components are delivered and installed
- Training is performed

##### TESTING/COMPLETION

(Selected system or solution is tested and put in production)

- Performance of system/solution is validated
- System/solution goes "live"