



FY18

PSAP GRANT PROGRAM APPLICATION



VIRGINIA INFORMATION
TECHNOLOGIES AGENCY
Integrated Services Division



FY18 PSAP GRANT PROGRAM APPLICATION

HOW TO APPLY/DEADLINE

The grant application is available and accessible from VITA ISP's website (<http://www.vita.virginia.gov/isp/default.aspx?id=8578>). Upon completion of the application, it is to be submitted to the electronic mailbox for grant applications - psapgrants@vita.virginia.gov. Any supporting documentation must also be submitted along with the application when making your grant application submission.

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 FY18 PSAP Grant Application Cycle starts July 1, 2016 and concludes on September 30, 2016 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.



FY18 PSAP GRANT APPLICATION

PROJECT TITLE

Radford City / Pulaski County Joint 911 Call handing equipment Upgrade

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME:	Radford City Police Department / PSAP
CONTACT TITLE:	Administrative Sergeant / PSAP Director
CONTACT FIRST NAME:	Chris
CONTACT LAST NAME:	Caldwell
ADDRESS 1:	20 Robertson Street
ADDRESS 2:	
CITY:	Radford
ZIP CODE:	24141
CONTACT EMAIL:	Chris.Caldwell@radfordva.gov
CONTACT PHONE NUMBER:	(540) 267-3190
CONTACT MOBILE NUMBER:	(540) 605-0918
CONTACT FAX NUMBER:	(540) 731-3620
REGIONAL COORDINATOR:	Melissa Parsons

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Radford City Police Department / PSAP

Pulaski County Joint 911 Center

GRANT TYPE

Individual PSAP

Shared Services



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- Technically Outdated*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If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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

Workstations (Radford - Windows XP platform)	7 years
Viper 911 system (Radford)	7 years
Workstations & Viper (Pulaski County Joint 911 Center, Windows 7)	3 years

PRIORITY/PROJECT FOCUS CALL HANDLING EQUIPMENT

FINANCIAL DATA

Amount Requested: \$ 350,000.00
 Total Project Cost: \$ 637,000.00



PROJECT DESCRIPTION

Statement of Need:

The Radford City Police Department/PSAP current VIPER system(s) is seven years old, Windows XP based and has been deemed end of life by Microsoft. The Pulaski County Joint 9112 center's current VIPER system is three years old and is operating windows 7 which will be deemed end of life in 2018. The Radford City Police Department and the Pulaski County Joint 911 center currently serve as backup systems to each other and both localities work closely together using mutual-aid agreements. Upgrading both systems will give more redundancy, be more geodiverse, and give extra back up capabilities that they systems do not currently have.

The Radford City Police Department/PSAP was awarded in the FY2016 the \$150,000.00 grant to upgrade its current viper system. This award is currently on hold and hasn't been spent in an effort to choose the shared services grant, making the systems more robust. If awarded the shared services grant then the FY2016 award would be released back to the PSAP board.

Financial Need:

The Radford City Police Department/PSAP and the Pulaski County Joint 911 center do not have budgetary means to allot funding for this project. Without funding from the PSAP grant this needed upgrade will not be possible.

Impact on Radford City Police Department/PSAP and the Pulaski County Joint 911 center for not receiving funding:

Without the grant funding to upgrade the system(s) the upgrades will not occur. If upgrades are not done due to unavailable funding this will put the Radford City Police Department/PSAP and the Pulaski County Joint 911 Center at risk for system(s) disruptions causing a delay in getting emergency services to those in need of these services. It will also not allow for redundant systems that are capable of backing each other up in the case of failure. The new system will have the capability for a complete PSAP to be shut down in the event of an emergency and then personnel could be shifted to the secondary PSAP and resume full operations.

Impact to operational services in the Radford City Police Department/PSAP and the Pulaski County Joint 911 center:

This project will improve the daily operations of the Radford City Police Department/PSAP and the Pulaski County Joint 911 center by providing a more advanced technology system(s). The system(s) includes redundancy with the capability of adding additional redundancy in the future. Gives both communication centers the ability to operate in full capacity from another site in the event of a disaster situation at one of the PSAP locations.

The Radford City Police Department / Pulaski County Joint 911 center are looking towards the future where as both of the PSAPS have the same equipment for all aspects of Call handling, Mapping, and CAD systems to enable the backup capabilities and the redundancy without actually combining the two systems physically.



PROJECT GOAL

Upgrading the VIPER systems of both agencies would works towards the shared services aspect of the comprehensive plan and allows for both agencies to back the other agency up if necessary. This will aid in preventing in downtime to 911 operations as well as ensuring that the citizens of the City of Radford, Town of Pulaski and Pulaski county receive the best possible 911 system. It will combine the systems of both PSAPs without physically combining them.

PROJECT OBJECTIVES

Describe the objectives that will support the goals identified above:

1. Upgrade both Radford and Pulaski to the newest viper system
2. Connect the two systems with Fiber and/or T1 lines to give redundancy
3. Provide fail safe backups for both PSAP locations



SHARED SERVICES (if applicable)

Radford City Police Department and the Pulaski County Joint 911 center work closely together utilizing a mutual aid agreement. Both agencies receive 911 calls for the other jurisdiction due to tower location and that Pulaski County borders Radford. The project would make the cooperation even greater being that both systems would be tied together giving the geo-diversity and redundancy needed.

The goal is for the two PSAPS to be linked together via fiber and/or T1 lines to ensure the systems create the Multi-node. By sharing the resources and opportunities the cost is reduced and split between the agencies in order to create the multi-node system. The collaborative efforts is to eventually has the two PSAPS identical in the case of one PSAP shutting down then the other PSAP can function for both PSAPS without manpower or system difficulties.



**IMPLEMENTATION PLAN
SHARED SERVICES & INDIVIDUAL PSAP APPLICATIONS:**

For each applicable phase of the project, indicate the planned completion date.

PROJECT PHASE	PLANNED COMPLETION DATE
INITIATION – 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, and budgetary estimates are obtained.	09 / 15 / 17
DESIGN/PLANNING - Requirements are documented, components to be purchased are identified, and general design is documented.	03 / 15 / 18
ACQUISITION - RFP (or other bid related processes) are drafted, proposals are evaluated, contract is signed, purchase orders are issued, and quotes are obtained.	07 / 15 / 18
IMPLEMENTATION - Purchased components are delivered and installed and training is performed	11 / 15 / 18
TESTING/COMPLETION - Performance of system/solution is validated and system/solution goes “live”	12 / 15 / 18



BUDGET AND BUDGET NARRATIVE

1. Viper System upgrade for both:	\$240,000.00
VIPER, A911 connect, Power 911, Power MIS, Eprinter, IWS Hardware, Professional Services, network equipment, maintenance agreements and services	
2. Fiber line and T1 installation and equipment costs	\$70,000.00
This allows the first level of connection of the two systems and Covers the monthly costs of the fiber line for both agencies for five years	
3. T1 cost and installation:	\$30,000.00
This allows the redundancy of the two systems and Covers the monthly costs of the T1 line for both agencies for five years	
4. Five years of maintenance and support for both PSAPS	\$152,000.00
5. Prepaid Software Subscription	\$76,000.00
6. Prepaid Software Protection	\$31,000.00
7. Prepaid Hardware Protection	\$38,000.00



EVALUATION

The PSAP will require all vendors to submit a detailed project timeline, goals, and deliverables as part of an awarded contract. This project will be monitored through periodic meetings between the PSAP, vendors and stakeholders. The PSAP will designate a project lead. The project lead will work with the vendor to ensure specific goals are met throughout the project. Payment terms will be based on milestone events. Milestone events will be carefully developed and negotiated before contract signing to ensure the project is completed in a timely fashion.

As part of the implementation plan the vendor will be required to produce and adhere to an acceptance test plan. The project lead will ensure all items in the acceptance test plan have been met. The project lead will also review the acceptance test plan before signing. Final payment will be withheld until the acceptance test plan has been approved and signed.

The success of this project will be monitored by the Communications Supervisor and project lead. They will monitor the accuracy of the data being provided to the tele-communicator and the effect this data has on the efficiency of answering, entering, and dispatching first responders to 911 calls for service.



CONSOLIDATION (Primary or Secondary) - (complete only if applicable)

How would a consolidation take place and provide improved service:

3T

How should it be organized and staffed:

3T

What services should it perform:

3T

How should policies be made and changed:

3T



CONSOLIDATION (Primary or Secondary) - (complete only if applicable) – con't

How should it be funded:

3T

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

3T

Multi-Jurisdictional Agreement

This is an agreement between the Radford City Police Department / PSAP, located at 20 Robertson Street, Radford, Virginia, and the Pulaski County Joint 911 Center / Pulaski County, located at 802 East Main Street, Pulaski, Virginia.

The purpose of this agreement is to clearly identify the roles and responsibilities of each of the parties and the scope of agreement. The scope this MJA pertains to is the grant application submitted to the Virginia 9-1-1 Services Board for the fiscal year 2018. This MJA shall only be in force if the grant application is approved, and funding is made available for the shared services project.

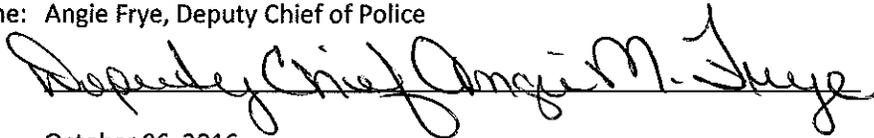
The City of Radford shall act as the fiscal agent for the project and shall conduct all activities in accordance with the grant guidelines established by the Virginia 9-1-1 Services Board. The undersigned authorizes VITA to distribute the funds, if approved, to the identified fiscal agent. The funds will be requested from VITA, utilizing the most current draw down request form for the FY18 grant cycle. The fiscal agent will also ensure all reporting documents are received by VITA at the stated deadline.

This multi-jurisdictional agreement shall remain in effect throughout the life of the grant, unless terminated by either party.

Jurisdiction: Radford City Police Department / PSAP

Printed Name: Angie Frye, Deputy Chief of Police

Signature:



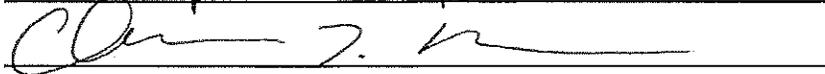
Date: October 06, 2016

Jurisdiction: Pulaski County Joint 911 Center / Pulaski County

Printed Name:

Christopher T. Akers - Executive Director

Signature:



Date: October 06, 2016