



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

Next Gen 9-1-1 Premise Equipment Update

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Pittsylvania County

CONTACT TITLE: Coordinator, Emergency Management & Communications

CONTACT FIRST NAME: Jim

CONTACT LAST NAME: Davis

ADDRESS 1: 53 North Main Street

ADDRESS 2: PO Box 426

CITY: Chatham

ZIP CODE: 24531

CONTACT EMAIL: Jim.Davis@pittgov.org

CONTACT PHONE NUMBER: (434) 432-7920

CONTACT MOBILE NUMBER: 434-251-3111

CONTACT FAX NUMBER: (434) 432-7050

REGIONAL COORDINATOR: Melissa Parsons

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Pittsylvania County Department of Emergency Mangement and Communications

_____	_____
_____	_____
_____	_____
_____	_____

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- Technically Outdated*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If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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: **Cisco 2821** # YEARS of HARDWARE/SOFTWARE: 6 yrs

PRIORITY/PROJECT FOCUS CALL HANDLING EQUIPMENT

FINANCIAL DATA

Amount Requested: \$ 110,625

Total Project Cost: \$ 110,625



PROJECT DESCRIPTION

Provide a detailed description of the project for which funding is being sought, including the impact on operational services and consequences of not receiving funding; the relationship to local strategic and capital improvement plans; and sustainability:

Pittsylvania County has been offering Next Gen 9-1-1 routing services to its constituents for nearly six years. There are some components of the service that are reaching end of life. Implementing this project and the replacement of these components, along with supporting maintenance of the HW will allow Pittsylvania to continue offering high quality 9-1-1 call answering services.

Provision of the new HW will also provide the necessary underlying infrastructure to support new i3-compliant services, including GIS, CAD interfaces, etc.

Failure to provide grant funds could result in future equipment failure and the inability for constituents to have calls successfully delivered into the 9-1-1 system and handled appropriately.



PROJECT GOAL

Describe how this project addresses locally identified need(s) and supports the Virginia 9-1-1 Comprehensive Plan:

Support and maintain NG9-1-1 services throughout Pittsylvania County. Replace aging equipment to support services throughout the county for a longer timeframe. Prepayment of maintenance support for the new equipment will help manage monthly expenses for services. Prepare the PSAP for i3 with upgraded equipment.

Pittsylvania County 911 is a leader in the Commonwealth in the PSAP community. Pittsylvania County has proudly carried the banner of NG911 as a front runner to not only follow the Virginia 9-1-1 Comprehensive Plan but continues to move forward with NG911 technology such as Text2911. We are proud to have an End to End IP solution with West Safety Services for our E-911 equipment and call delivery services. We are continuously looking at innovative ways to partner and deliver NG911.

PROJECT OBJECTIVES

Describe the objectives that will support the goals identified above:

- Procure new premise equipment that will last for 3+ years
- Obtain maintenance services for the life of the new equipment
- Prepare for future i3 services
- Maintain a high level of 9-1-1 call management for the constituents of Pittsylvania County



SHARED SERVICES (if applicable)

Describe the relationship of the project to the participating PSAPs:

N/A

Describe the intended collaborative efforts and resource sharing opportunities:

N/A



**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.	01 / 31 / 17
DESIGN/PLANNING - Requirements are documented, components to be purchased are identified, and general design is documented.	05 / 31 / 17
ACQUISITION - RFP (or other bid related processes) are drafted, proposals are evaluated, contract is signed, purchase orders are issued, and quotes are obtained.	07 / 31 / 17
IMPLEMENTATION - Purchased components are delivered and installed and training is performed	9 / 30 / 17
TESTING/COMPLETION - Performance of system/solution is validated and system/solution goes “live”	10 / 15 / 17



BUDGET AND BUDGET NARRATIVE



List the planned expenditures to be made with grant funds. 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.

NOTE: In lieu of a line item breakdown, an itemized cost schedule or detailed vendor prepared quote may be submitted as an attachment, but a narrative is still required. 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.

The grant funds will provide for:

- Purchase of new equipment (including routers, cabling, and power supplies)
- Project Management and Installation of the equipment on site at the Pittsylvania County PSAP
- Setup of West's network and device, management, monitoring, and alarming system to manage the new hardware elements
- Maintenance, monitoring, and network administration of Core Services and PSAP Hardware elements – 3 years
- Variable Cost Contingency (reserve for unforeseen expenses such as expedited shipping, fuel surcharges, etc.) at 10% of the Vendor Quote

Fee Schedule:

Cost Element	OTF	MRF
PSAP Hardware and Installation	\$25,000	\$ NA
Maintenance of Core & PSAP Hardware	\$31,343	\$ NA
HPOV Monitoring and Network Administration of Core and PSAP Hardware	\$44,225	\$ NA
Sub-Total	\$100,568	\$ NA
Variable Cost Contingency*	\$10,057	\$ NA
TOTAL	\$110,625	\$ NA



EVALUATION

How will the project as identified in the project description be evaluated and measured for achievement and success:

Successful replacement and upgrade of aging equipment along with validation testing and acceptance of the new equipment in the production environment, including successful test calls over the new equipment as well as demonstration of successful live 9-1-1 calls passing over the equipment with no degradation

CONSOLIDATION (Primary or Secondary) - (complete only 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

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

How should it be funded:

N/A

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

N/A



A911 Routing and location Data Management Hardware and Maintenance

The following pricing proposal Pittsylvania County contains One Time Fees for Hardware and Maintenance to support the A9-1-1 i3 ready solution.

A9-1-1 Hardware and Maintenance includes

- Routers
- Cabling
- Power Supply
- Installation
- Core Service Hardware Maintenance
- Setup of West’s network and device management, monitoring, and alarming system to manage the new hardware elements
- Maintenance and Monitoring of Core and PSAP Hardware elements
- Network Administration of Core and PSAP Hardware elements

West Safety Services Fee Schedule for A9-1-1 Hardware and Maintenance is as follows:

Cost Element	OTF	MRF
PSAP Hardware and Installation	\$25,000	\$ NA
Maintenance of Core & PSAP Hardware	\$31,343	\$ NA
HPOV Monitoring and Network Administration of Core and PSAP Hardware	\$44,225	\$ NA
Sub-Total	\$100,568	\$ NA
Variable Cost Contingency*	\$10,057	\$ NA
TOTAL	\$110,625	\$ NA

*Variable Cost Contingency – is a reserve for unforeseen expenses such as expedited shipping, fuel surcharges, etc.

- New Pricing based on 36 Month agreement for all services
- Quote is valid for 6 month upon initial issue

