



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

Botetourt County E911 GIS Data Management

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Botetourt County 911 Center

CONTACT TITLE: Communications Supervisor

CONTACT FIRST NAME: Nicole

CONTACT LAST NAME: Manspile

ADDRESS 1: PO Box 655

ADDRESS 2: 20 East Back Street

CITY: Fincastle

ZIP CODE: 24066

CONTACT EMAIL: NManspile@BotetourtVA/Gov

CONTACT PHONE NUMBER: 540-928-2211

CONTACT MOBILE NUMBER: 540-520-4791

CONTACT FAX NUMBER: 540-473-8650

REGIONAL COORDINATOR: Melissa Parsons

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Botetourt County

_____	_____
_____	_____
_____	_____
_____	_____

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- Technically Outdated*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If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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

PRIORITY/PROJECT FOCUS NG 9-1-1 GIS

FINANCIAL DATA

Amount Requested: \$ \$24,090

Total Project Cost: \$ \$24,090



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:

2T

This NG9-1-1 GIS project will focus on the mission critical data layers, as defined in the FY18 guidelines. Specifically, the PSAP boundary issues, road centerline, and address points. All three of these categories are the most critical components of developing NG9-1-1 data. VITA's data analysis will be provided to the vendor and reviewed for proper cleanup and validation. This project would ensure our maps are in compliance with recommended guidelines. The purchase services for this project directly supports the continuity and enhancement of wireless E911.

The project is perfectly aligned with long-term strategies for the NG911 by updating GIS data to NG911 standards and the impact on operational services is significant. According to the Virginia Statewide Comprehensive Plan and the perspective of all citizens, "the establishment & adoption of 911 services ensure that in an emergency any caller throughout the County could dial three easily memorized digits & quickly have first responders come to his or her aid". However, quality GIS data is critical to this vision. This project would restore GIS data accuracy and bring us reliable geographic data that citizens expect when they dial 911.

Our GIS Coordinator maintains the maps along with many other duties. A project of this magnitude is not feasible without funding from external assistance and/or grant funding.



PROJECT GOAL

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

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This project supports both goals of the Virginia Statewide Comprehensive 9-1-1 Plan and seeks to fulfill an important initiative. There are only two goals in the Virginia Statewide Comprehensive 9-1-1 Plan. The first goal is provide a standard level of 9-1-1 emergency dispatch services to the public. *When achieved, this goal will provide consistent 9-1-1 emergency dispatch services to anyone residing in or passing through the Commonwealth, at any time of day, and during any event. Consistent service means that all 9-1-1 centers can receive, process, and dispatch “calls” in a dependable and repeatable manner.* Data integrity is the key to filling this objective. This project would restore or validate that predictability and reliability to our 9-1-1 emergency dispatch services.

The second goal of the Virginia Statewide Comprehensive 9-1-1 Plan is to position 9-1-1 centers to continuously meet the public’s expectations. *When achieved, this goal will allow Virginia to keep up with the rapid pace of technology innovation and therefore the constant changes in customers’ expectations.* However, again as reflected in the statement of our need for this project, public expectations are clearly not met unless data meets required standards. Missing or incorrect geographic data could cause delays in our 9-1-1 emergency service responses to Botetourt County citizens.

The 2011 Virginia Statewide Comprehensive 9-1-1 Plan envisions that 911 Centers will maintain certain Service and Capabilities per the excerpt below:

9-1-1 centers throughout the Commonwealth must provide a consistent, seamless, and comprehensive level of 9-1-1 dispatch services statewide using an IP-enabled system that is dependable and reliable. 9-1-1 centers accept “calls” from all devices and in all forms, in any language, and from special needs populations, such as the hearing impaired, to ensure that no request for assistance goes unanswered.

This project will allow Botetourt County to bolster their ability to provide consistent and seamless service by ensuring reliability of our GIS data.



PROJECT OBJECTIVES

Describe the objectives that will support the goals identified above:

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1. This NG9-1-1 project will focus on the mission critical components of GIS.
2. VITA's data analysis will be provided to the vendor and reviewed for proper cleanup and validation.
3. This project would ensure our maps are in compliance with recommended guidelines.

SHARED SERVICES (if applicable)

Describe the relationship of the project to the participating PSAPs:

2T



Describe the intended collaborative efforts and resource sharing opportunities:

2T



**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.	08 / 01 / 16
DESIGN/PLANNING - Requirements are documented, components to be purchased are identified, and general design is documented.	03 / 01 / 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 / 01 / 17
IMPLEMENTATION - Purchased components are delivered and installed and training is performed	10 / 01 / 17
TESTING/COMPLETION - Performance of system/solution is validated and system/solution goes “live”	11 / 01 / 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.

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This request is for funds to procure professional services to aid Botetourt County in becoming NG9-1-1 ready. The reasonable quote was provided by Botetourt County's GeoComm support vendor.

- Professional Services \$24,090
Price includes a 10% contingency

Project Pricing

Description	Price
Project Initiation and Local Project Coordination	\$2,500
Obtain and review 9-1-1 Data Analysis from VITA	\$0
Recommendations Report	\$2,600
Execution of Recommended Enhancements and Data Cleanup	\$5,800
Staff Training	\$2,500
Maintenance Workflow Consulting	\$8,500



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EVALUATION

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

2T

Our performance measures will begin with proper purchases of services. Procurement will be in accordance with all federal, state and local procurement standards. After implementation of the services, the vendor will prepare a report of key data accuracy measures pre/post data cleansing. These performance measures will be included on the final report.



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

How would a consolidation take place and provide improved service:

2T

How should it be organized and staffed:

2T

What services should it perform:

2T

How should policies be made and changed:

2T



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

How should it be funded:

2T

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

2T