



**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](mailto: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

Rappahannock County 9-1-1 Mapping System Upgrade

### GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Rappahannock County

CONTACT TITLE: E-911 Coordinator

CONTACT FIRST NAME: Richie

CONTACT LAST NAME: Burke

ADDRESS 1: 311 N Gay Street

ADDRESS 2: P.O. Box 222

CITY: Washington

ZIP CODE: 22747

CONTACT EMAIL: rvburke@rappahannockcountyva.gov

CONTACT PHONE NUMBER: 540-675-5340

CONTACT MOBILE NUMBER: 540-522-7288

CONTACT FAX NUMBER: 540-675-5341

REGIONAL COORDINATOR: Amy Ozeki

### HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES


### GRANT TYPE

X  Individual PSAP

Shared Services





## 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:

The Rappahannock County GIS Mapping Project directly relates to the funding priority established by the PSAP Programs Grant Committee for NG 9-1-1 GIS to address technically outdated and non-vendor supported equipment. Our Project will replace the current GIS Mapping System equipment with a new NG 9-1-1 Mapping System.

The existing system has performed well for us but once Windows XP became outdated it would not operate on Windows 7 and above. We are currently using a virtual box application which allows it somewhat to operate but not at a full capacity.

This upgrade is critical to our emergency responses and can only be funded with a grant. The county staff is planning for future hiring of emergency responders as our volunteer forces as we are all volunteer and our numbers of volunteers are dwindling. With such a small population (7400) and no real tax base other than real estate taxes these upgrade projects are becoming difficult if not impossible to fund without grants.

We will have to replace the complete system and want to clean up our existing GIS data so we are ready for Next Generation 911.



## PROJECT GOAL

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

The GIS Mapping replacement project will bring us up to date from technically outdated and non-vendor supported equipment. The new system will incorporate new technology that is needed in the day to day operation of the PSAP. It supports the Virginia 9-1-1 Comprehensive Plan by protecting the reliability and security of our 9-1-1 system and will improve our leverage GIS technology and data to better locate callers and improve response capabilities that meet public expectations.

## PROJECT OBJECTIVES

Describe the objectives that will support the goals identified above:

- Eliminate use of 21 year old system that is non-vendor supported and technically outdated.
- Upgrade to proper server with the latest Microsoft Server operating system.
- Replace Primary Dispatch Mapping System hardware.
- Replace mapping software.
- Secure warranties for hardware and software.
- Our IT staff will help to ensure all proper network connectivity.
- Vendor will provide full implementation services for software and hardware components.
- Vendor will provide full training services for the new system.
- Assess the overall cost of the project.
- We will collect quotes for hardware and consult with vendors on desired implementation schedule.
- Secure contracts for hardware/software upon approval of funding.
- Work with local IT on the installation and networking of new hardware
- Work with vendors to replace mapping software.



**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.

<b>PROJECT PHASE</b>	<b>PLANNED COMPLETION DATE</b>
<b>INITIATION</b> – 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.	<b>07 / 01 / 17</b>
<b>DESIGN/PLANNING</b> - Requirements are documented, components to be purchased are identified, and general design is documented.	<b>01/ 01 / 17</b>
<b>ACQUISITION</b> - RFP (or other bid related processes) are drafted, proposals are evaluated, contract is signed, purchase orders are issued, and quotes are obtained.	<b>08/ 01 / 17</b>
<b>IMPLEMENTATION</b> - Purchased components are delivered and installed and training is performed	<b>10 / 01 / 17</b>
<b>TESTING/COMPLETION</b> - Performance of system/solution is validated and system/solution goes “live”	<b>12 / 01 / 17</b>



## 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.

### Phase I Mapping Server Hardware Replacement

- |                         |         |
|-------------------------|---------|
| • Server Hardware       | \$6,500 |
| • Load balance hardware | \$2,500 |
| • Windows Server        | \$1,000 |

**Phase I Total: \$10,000**

### Phase II- Mapping Server Software replacement

- |   |          |
|---|----------|
| • Dispatch Mapping System Software  | \$80,000 |
| • Dispatch Mapping System Routing Extension<br>(required for CAD interface) | \$9,000  |
| • Dispatch Mapping System CAD Interface                                     |          |

**Phase II Total: \$89,000**

Phase III- Mapping Server Software Extended Support and Maintenance \$57,000

**Phase III Total: \$57,000**

**Total Project Cost: \$156,000**

- The amount shown above for extended software support and maintenance do not exceed a total (5) year period.

## EVALUATION



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

When the project is up and running will verify the operation of the system. This project will be coordinated with the vendor to ensure a smooth transition of services. Vendor maintenance will support and will ensure the sustainability of our project. The system will include vendor support and maintenance and will be covered by a warranty.



**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

## Marlina Lee

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**From:** Richie Burke [burkerv@comcast.net]  
**Sent:** Wednesday, September 28, 2016 7:10 AM  
**To:** 'Marlina Lee'  
**Subject:** FW: DGI Dispatcher

**From:** gibson guitars [mailto:gibsonguitar61@gmail.com]  
**Sent:** Wednesday, September 28, 2016 6:13 AM  
**To:** Richie Burke  
**Subject:** DGI Dispatcher

Mr. Richie Burke  
E911 Director  
Rappahannock County, VA

Sept 28th, 2016

Richie,

Digital Graphics is ceasing operation and the software applications will no longer be supported. We will help move any map or dbase data to a new system, once you have selected and installed a replacement application.

Thank you for many years of business and friendship.

Respectfully,

Samuel F. Pitthan  
Digital Graphics, Inc  
Ravenswood, WV