



**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

GIS Audit and Corrections

### GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Orange, VA

CONTACT TITLE: E-911 Center Director / Public Safety System Manager

CONTACT FIRST NAME: Nicola

CONTACT LAST NAME: Tidey

ADDRESS 1: 112 W. Main St

ADDRESS 2: P.O. Box 111

CITY: Orange

ZIP CODE: 22960

CONTACT EMAIL: ntidey@orangecountyva.gov

CONTACT PHONE NUMBER: 804.443.3490

CONTACT MOBILE NUMBER: 2T

CONTACT FAX NUMBER: 2T

REGIONAL COORDINATOR: Amy Ozeki

### HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

**Orange, VA**


### 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- Technically Outdated\*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**If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.**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: \$ 56,350.50

Total Project Cost: \$ 56,350.50



## 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:

Orange County is seeking funds to make corrections to existing data that is known to be in error, but staff resources and budget do not allow for their correction. The County also needs to establish a workflow for addressing and maintaining data into the future so that these errors do not persist after this project, which is especially important with the looming NG-911 transition.

Orange County will procure a vendor to complete the project outlined below:

### Task 1: Correct Known Data Errors

We will work to correct known data errors in the County, including approximately 500 addresses that do not geocode, ESN polygons do not work in the primary PSAP, and topology of both ESNs and centerlines that have overlapping ranges and are not following NENA standards that are in need of correction.

### Task 2: Address Resolution

The Centerlines in the County have inconsistent ranging and directionality. The extent of the problem is not known without further analysis. It is suspected that readdressing of some structures may be necessary to correct these problems, but it is a sensitive issue in every locality. That is why that budget item is listed as contingent.

### Task 3: Addressing Workflow

The County currently has an internal addressing process that is hindering proper placement of address points due to the different data sources, inconsistent data collection methods, and assigning addresses using different methods. We will work to establish a new workflow to correct these flaws, document the maintenance procedure, and train staff on new methodology.



## PROJECT GOAL

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

This project supports the Virginia Statewide Comprehensive Plan. Orange County is striving to meet Goal A from Section 2.2 – which is to provide a level of emergency response service to the public, which is further described as providing consistent emergency response services to anyone residing in or passing through the Commonwealth.

## PROJECT OBJECTIVES

Describe the objectives that will support the goals identified above:

The objectives of this project include:

1. Correcting Known Data Errors
2. Addressing Recommendations and Possibly Readdressing
3. Creating Consistent Data Maintenance Plan

These objectives will help the County provide the Goal of providing service to citizens of the County and those passing through the Commonwealth.



**SHARED SERVICES (if applicable)**

Describe the relationship of the project to the participating PSAPs:

Not applicable

Describe the intended collaborative efforts and resource sharing opportunities:

Not applicable



**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>09 / 30 / 16</b>
<b>DESIGN/PLANNING</b> - Requirements are documented, components to be purchased are identified, and general design is documented.	<b>08 / 25 / 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>09 / 01 / 17</b>
<b>IMPLEMENTATION</b> - Purchased components are delivered and installed and training is performed	<b>03 / 02 / 18</b>
<b>TESTING/COMPLETION</b> - Performance of system/solution is validated and system/solution goes “live”	<b>05 / 18 / 18</b>



## BUDGET AND BUDGET NARRATIVE

Lunenburg County has consulted a vendor who has provided the quoted costs included in this narrative. The project will be broken down into many phases and includes costs for both software licenses as well as costs for data correction, data preparation for NG-911, data preparation and support for software that currently is not vendor-supported, and future data maintenance planning and tools.

A detailed breakdown of the project tasks and associated costs is included below:

<b>Known Data Errors</b>	<b>\$24,000.00</b>
<i>Correct Addresses that do not Geocode</i>	\$2,400.00
<i>Attribution Standardization</i>	\$1,680.00
<i>Centerline Data and Range Corrections</i>	\$12,480.00
<i>Centerline Topology</i>	\$1,200.00
<i>Corrections to ESN</i>	\$5,520.00
<i>ESN Topology</i>	\$720.00
<b>Centerline Range Assessment and Recommendations</b>	<b>\$16,880.00</b>
<i>Analyze Directionality of Centerline</i>	\$3,120.00
<i>Recommendations</i>	\$4,480.00
<i>Contingent Corrections (ie Readdress where possible)</i>	\$9,280.00
<b>Addressing Workflow</b>	<b>\$10,375.00</b>
<i>Workflow Creation</i>	\$5,400.00
<i>Documentation</i>	\$2,575.00
<i>Training</i>	\$2,400.00
<b>Subtotal</b>	<b>\$51,225.00</b>
<b>10% Contingency</b>	<b>\$5,125.50</b>
<b>TOTAL</b>	<b>\$56,350.50</b>





## EVALUATION

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

The County will follow the evaluation methods provided by the State, as well as monthly project status reports detailing the percent complete of the project.



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

How would a consolidation take place and provide improved service:

Not applicable

How should it be organized and staffed:

Not applicable

What services should it perform:

Not applicable

How should policies be made and changed:

Not applicable



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

How should it be funded:

Not applicable

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

Not applicable