



FY19

# NG-911 GRANT PROGRAM APPLICATION



VIRGINIA INFORMATION  
TECHNOLOGIES AGENCY  
Integrated Services Division



## FY19 NG-911 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 FY19 NG-911 Grant Application Cycle starts July 1, 2017 and concludes on October 2, 2017 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.**



## FY19 NG-911 GRANT APPLICATION

### PROJECT TITLE

Eastern Virginia PSAP Boundary Remediation

### GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: King and Queen County, VA  
 CONTACT TITLE: Chief- Department of Emergency Services  
 CONTACT FIRST NAME: Greg  
 CONTACT LAST NAME: Hunter  
 ADDRESS 1: 242 Allens Circle, Suite L  
 ADDRESS 2: P.O. Box 177  
 CITY: King and Queen C.H.  
 ZIP CODE: 23085  
 CONTACT EMAIL: ghunter@kingandqueenco.net  
 CONTACT PHONE NUMBER: 804.785.5975  
 CONTACT MOBILE NUMBER: 804.592-7920  
 CONTACT FAX NUMBER: 804.785.5999  
 REGIONAL COORDINATOR: Lyle Hornbaker & Sam Keys

### HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

<b>Essex</b>	<b>Lancaster</b>
<b>Gloucester</b>	<b>Mathews</b>
<b>King William</b>	<b>Middlesex</b>
<b>King &amp; Queen</b>	<b>Northumberland</b>
	<b>Richmond Co</b>

### GRANT TYPE

Individual PSAP

Shared Services



**Non-vendor supported application MUST include age and/or version of hardware/software, **along with a copy of the notice from the vendor.****

VERSION:

# YEARS of HARDWARE/SOFTWARE:

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N/A

**PRIORITY/PROJECT FOCUS** NG 9-1-1 GIS

**FINANCIAL DATA**

Amount Requested: \$ 32,075

Total Project Cost: \$ 32,075



## 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 Eastern Virginia Regional effort has been focusing on addressing, street centerlines and compiling regional information into a cohesive dataset. Corrections and QA/QC has been performed on addresses and centerlines. However, PSAP boundaries between the localities has been identified as requiring significant technical resources to align these boundaries between the neighboring localities in the regional dataset. This includes overlaps, gaps, and overall agreement and alignment of these boundaries.

These edits and changes are necessary if the regional data will be incorporated into locality PSAPs (which is the ultimate goal of the original regionally effort). The gaps and overlaps need to be resolved to work correctly with NG911 and CAD/Mapping software to identify which locality should be responding.

This will strengthen the overall regional efforts to create and maintain a cohesive regional model and assist with mutual aid.



## PROJECT GOAL

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

Most of the PSAP boundaries in the Middle Peninsula and Northern Neck are consistent with the locality's county boundary. But there are instances where the PSAP boundary does cross over into other localities. It supports the Virginia 9-1-1 Comprehensive Plan because PSAP boundary is a critical dataset required for NG911 call location and dispatching.

## PROJECT OBJECTIVES

Describe the objectives that will support the goals identified above:

Phase 1: Identify issues with Data Reviewer: Small issues within a tolerance can be corrected; any large areas that require localities to collaborate on issues – this will be facilitated to correct issues and keeping them resolved moving forward.

Phase 2: Reporting to all localities the types of errors and the quality.

Phase 3: Correct gaps and overlaps: ensuring there is 1 PSAP boundary at any place in the regional data so that Mapping and Dispatch programs can clearly identify the correct PSAP.



**SHARED SERVICES (if applicable)**

Describe the relationship of the project to the participating PSAPs:

All of the localities in this grant currently have MOUs and are actively working together on other regional grants.

Describe the intended collaborative efforts and resource sharing opportunities:

This will continue and strengthen the collaboration efforts and allow not only sharing of GIS data, but also support sharing of emergency services.



**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, NG-911 Grant application is filed, local budgets are obtained, appropriated grant funds are approved, and budgetary estimates are obtained.	<b>05 / 30 / 18</b>
<b>DESIGN/PLANNING</b> - Requirements are documented, components to be purchased are identified, and general design is documented.	<b>07 / 01 / 18</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>07 / 30 / 18</b>
<b>IMPLEMENTATION</b> - Purchased components are delivered and installed and training is performed	<b>12/31/18</b>
<b>TESTING/COMPLETION</b> - Performance of system/solution is validated and system/solution goes “live”	<b>1/30/19</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.

Task Name	Cost
<b>Eastern Virginia PSAP Boundary Remediation</b>	<b>\$32,075.00</b>
<b>Phase 1: Data Reviewer Checks</b>	<b>\$8,250.00</b>
Tolerance setting	\$1,500.00
Gaps & Overlaps - between localities	\$3,375.00
Gaps & Overlaps - inside localities	\$3,375.00
<b>Phase 2: PSAP Boundary Reporting</b>	<b>\$5,625.00</b>
<b>Phase 3: Corrections to PSAPs</b>	<b>\$18,200.00</b>
Corrections with tolerance	\$10,400.00
Corrections requiring locality discussions	\$7,800.00

## EVALUATION

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

Overall project success will be met with the following measurements:

1. Hiring a geospatial consultant to assist in project planning and execution
2. Following standards set forth by VITA and NG911 for data quality
3. Implementing Data Reviewer to find issues
4. Ensuring that localities understand types of boundary issues
5. Success PSAP mapping with updated boundaries



**PHYSICAL CONSOLIDATION - (complete only if applicable)**

How would a consolidation take place and provide improved service: <i>Not Applicable</i>
How should it be organized and staffed: <i>Not Applicable</i>
What services should it perform: <i>Not Applicable</i>
How should policies be made and changed: <i>Not Applicable</i>

**PHYSICAL CONSOLIDATION - (complete only if applicable) – continued**

How should it be funded: <i>Not Applicable</i>
What communication changes or improvements should be made in order to better support operations: <i>Not Applicable</i>