



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

Essex County Address Validation

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Essex, VA
 CONTACT TITLE: Geospatial Program Coordinator
 CONTACT FIRST NAME: Susanne
 CONTACT LAST NAME: Joy
 ADDRESS 1: 202 South Church Ln
 ADDRESS 2: P.O. Box 1079
 CITY: Tappahannock
 ZIP CODE: 22560
 CONTACT EMAIL: sjoy@essex-virginia.org
 CONTACT PHONE NUMBER: 804.443.3490
 CONTACT MOBILE NUMBER: [Click here to enter text](#)
 CONTACT FAX NUMBER: 804.445.8023
 REGIONAL COORDINATOR: Sam Keys

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Essex, VA

_____	_____
_____	_____
_____	_____
_____	_____

GRANT TYPE

Individual PSAP

Shared Services



TIER

Out of Service

Non-Vendor Supported*

Technically Outdated*

Strengthen

Not Applicable

If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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: \$ 139,920

Total Project Cost: \$ 139,920



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 County of Essex is seeking to complete an address verification and future maintenance planning project to ensure that their data is gaining accuracy needed for future NG-911. The County was originally mapped in 1995, and for many years the address locations were placed without regard to imagery, building footprints, or GPS locations. Due to these address placements that have taken place over the years, it has become necessary for the County to seek field verification of addresses. In the regions of the County that were hit by devastating tornados, this need for verification is especially apparent.

Essex does not have the funding available to complete this project, and does not have the staff available to take on this type of project in-house. The Geospatial Coordinator has attempted to complete this work in numerous areas of the County, but has found that the County simply could not produce enough man hours to have this completed in any reasonable amount of time. It is the fear of the County that with upcoming NG-911 transitions looming, their data is not accurate enough to be reliable. Without funding through this grant program, the County will be unable to complete this work.

Having precise countywide address data is helpful in a number of areas in relation to strategic and capital improvement plans. The County is currently working on Green Infrastructure project and having this data is important for determining possible locations for recreation, based on building locations and proximity to residences. Similarity, this data is useful in determining ideal locations for new businesses, as the County has plans to build and maintain a living database of vacant properties – which is not yet possible with data in its current state.

A small portion of this project is geared towards allowing the County the tools and training necessary to maintain addressing data completely in-house once they have a solid basis to start from. The GIS Coordinator is committed to continue improving centerlines and errors as they arise, and will use Collector for ArcGIS to capture building points and access points in the future to ensure that data is accurately captured and sustained into the future.



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. Essex 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. Obtain address accuracy that is currently lacking in the County's data
2. Obtain tools and methods to provide accurate data into the future

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.

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.	09 / 30 / 16
DESIGN/PLANNING - Requirements are documented, components to be purchased are identified, and general design is documented.	08 / 25 / 17
ACQUISITION - RFP (or other bid related processes) are drafted, proposals are evaluated, contract is signed, purchase orders are issued, and quotes are obtained.	09 / 01 / 17
IMPLEMENTATION - Purchased components are delivered and installed and training is performed	03 / 02 / 18
TESTING/COMPLETION - Performance of system/solution is validated and system/solution goes “live”	05 / 18 / 18



BUDGET AND BUDGET NARRATIVE

Essex 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.

Task 1: Field Verification

Field Technicians will follow a planned inspection of the County in order to verify and place new GPS points on structures in the County. This Task has time provided for the Technicians to verify locations in a leaf-off time period.

Task 2: Address Resolution

The vendor will work with County staff to resolve any address discrepancies, as well as making corrections to centerlines or address points that are found to be in error. The final deliverable will be provided in the schema necessary for the County to perform maintenance into the future as well as supporting the County's Dispatch Mapping.

Task 3: Tools for Address Maintenance

The County will take advantage of its current ArcGIS Online subscription by creating a workflow using Collector for ArcGIS. The maintenance process will be documented and training will be completed on-site at the County to ensure the process is a success. The County will use equipment provided through earlier grant requests to physically go in the field with new software.

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

Field Verification

<i>Verification by Field Specialists</i>	<i>\$84,500.00</i>
<i>Equipment Travel Cost - 3 Vehicles</i>	<i>\$12,000.00</i>

**Address Resolution**

<i>Centerline Corrections Following Verification</i>	\$5,340.00
<i>Address Resolutions Following Verification</i>	\$9,720.00
<i>Final Deliverable</i>	\$3,480.00

Tools for Address Maintenance

<i>Data Maintenance Workflow</i>	\$6,520.00
<i>Collector for ArcGIS Online Setup</i>	\$3,240.00
<i>Onsite Training</i>	\$2,400.00

SUBTOTAL \$127,200.00**Recommended Contingency 10% \$12,720.00****TOTAL \$139,920.00**



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