

FY14

PSAP GRANT PROGRAM APPLICATION



VIRGINIA INFORMATION
TECHNOLOGIES AGENCY
Integrated Services Division



FY14 PSAP GRANT PROGRAM APPLICATION

HOW TO APPLY/DEADLINE

The grant application is available and accessible from VITA's Integrated Services Program's website

(<http://www.vita.virginia.gov/isp/default.aspx?id=8578>). Upon completion of the application, it is to be submitted to the PSAP Grant Manager, Lisa Nicholson, at lisa.nicholson@vita.virginia.gov. Any supporting documentation must also be submitted along with the application, including mandatory budgets for projects (if applicable).

After submission, the PSAP Grant Manager will assign a Grant ID and send an e-mail notification to the project contact 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 FY14 PSAP Grant Application Cycle starts July 1, 2012 and concludes on October 31, 2012 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.



FY14 PSAP GRANT APPLICATION

PROJECT TITLE

Amelia High Priority GIS Data

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Amelia County Sheriffs Office

CONTACT TITLE: E911 Coordinator

CONTACT FIRST NAME: Jason

CONTACT LAST NAME: Malloy

ADDRESS 1: P.O. Box 463

ADDRESS 2: 16441 Court Street

CITY: Amelia

ZIP CODE: 23002

CONTACT EMAIL: rjmalloy@ameliasheriff.org

CONTACT PHONE NUMBER: 804.561.2118

CONTACT MOBILE NUMBER: 804.314.2634

CONTACT FAX NUMBER: 804.561.2269

REGIONAL COORDINATOR: Sam Keys

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Amelia County, Virginia

_____	_____
_____	_____
_____	_____
_____	_____

GRANT TYPE

Individual PSAP

Regional Initiative

Consolidation

Secondary Consolidation



GRANT PROGRAM TYPE

- Continuity and Consolidation
- Enhancement

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- Technically Outdated*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If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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

PROJECT FOCUS GIS: HIGH PRIORITY

If "Other" selected, please specify: 1T

FINANCIAL DATA

Amount Requested: \$ 84,600

Total Project Cost: \$ 84,600

STATEMENT OF NEED



Amelia County currently does not have the ability to maintain crucial GIS data due to the disparate data formats and lack of tools, knowledge, and staff to format this data correctly. The County plans to convert all of its data to Esri 10.x database format to allow all data to be maintained through simplified, user friendly tools that will allow dispatchers to use correct data when addressing public calls.

Without funding from the grant program, Amelia County will be unable to undertake this project, and our GIS data will remain below the curve of other Virginia localities which have had ability of staff, budget, and knowledge to update their mapping data.

Describe how the grant will be maintained and supported in the future, if applicable.

This grant, its associated paperwork, ordering of equipment, procurement of vendors, etc shall be maintained and conducted by the E911 Coordinator. Additional support shall be obtained through the administrative staff of the Amelia County Sheriff's Office.



COMPREHENSIVE PROJECT DESCRIPTION

Provide a thorough, concise, and complete description of the project, including an outline of the goals and objectives, implementation strategy, and a work plan.

The ability for any emergency services organization to provide quality emergency response to the community is partially based on its ability to correctly locate emergencies. In many instances, emergencies and callers are difficult to locate, and having a quality GIS data set in place can be the difference between life and death.

Crucial GIS data layers, including addressing data, centerlines, and parcels, must be brought up to date for use in dispatch. The implementation of field tools and data services that allow County emergency management and E-911 and the public to verify correct address locations and is crucial as well.

Goal 1 – To provide the citizens of Amelia County and the Commonwealth of Virginia, as well as the first responders of Amelia County and the Commonwealth of Virginia, the best possible level of emergency response/care.

Goal 2 – To ultimately raise our level and quality of service to the point where Amelia County can provide the best possible service to Wireless 9-1-1 callers. This includes both citizens of Amelia County and citizens of the Commonwealth of Virginia passing through Amelia County.

Goal 3 – To improve public safety by ensuring that the PSAP has more accurate and up to date data on addresses and other essential data for responder use.

Goal 4 – To increase efficiency of PSAP operations by eliminating redundant data sets requiring maintenance and synchronization.

Goal 5 – To improve public safety by minimizing the possibility of data errors leading to response delays.

Goal 6 – To improve public safety by permitting the sharing of data to Amelia County Government and with other jurisdictions / agencies in a near real time environment as operational conditions demand.

Goal 7 – To reduce workload on PSAP and GIS staff (enabling them to focus on core functions) by permitting stakeholders to maintain their own datasets as required.

Goal 8 – To improve public safety by increasing the pool of County staff conversant with GIS data and technology.



FOR CONTINUITY AND CONSOLIDATION OR ENHANCEMENT PROJECTS:

PROJECT TIMELINE – Select each applicable phase of the project and indicate the estimated completion date. Sample activities for each phase can be found in the PSAP Grant Program Guidelines as well as on the addendum to this form.

PROJECT PHASE	ESTIMATED COMPLETION DATE
<input checked="" type="checkbox"/> INITIATION (Project approved by appropriate stakeholders)	9 / 30 / 12
<input checked="" type="checkbox"/> DESIGN/PLANNING (Project, system, or solution requirements are developed)	10 / 31 / 12
<input checked="" type="checkbox"/> ACQUISITION (Selected system or solution is procured)	07 / 31 / 13
<input checked="" type="checkbox"/> IMPLEMENTATION (Selected system or solution is configured and installed)	10 / 31 / 13
<input checked="" type="checkbox"/> TESTING/COMPLETION (Selected system or solution is tested and put in production)	11 / 15 / 13

Identify the longevity or sustainability of the project.

It is anticipated that the GIS data and software will be sustainable by the vendors and the County unless there is a significant industry change. The County is prepared to provide all funding required for this project beyond the initial amount provided by this grant program.



Describe how this project supports the Virginia Statewide Comprehensive 9-1-1 Plan.

This project supports the Virginia Statewide Strategic Comprehensive Plan. Amelia County is trying to meet Goal A from Section 2.2 of the Strategic Goals. Goal A is provide a standard level of emergency response service to the public, which is further described as provided consistent emergency response services to anyone residing in or passing through the Commonwealth. The County cannot guarantee that to its citizens due to its lack of digital, verified data which is not reliable.

REGIONAL INITIATIVE (if applicable)

The relationship of the initiative to the participating PSAPs:

1T

Intended collaborative efforts:

1T



Resource sharing:

1T

How does the initiative impacts the operational or strategic plans of the participating agencies:

1T

CONSOLIDATION (Primary or Secondary) - (if applicable)

How would a consolidation take place and provide improved service:

1T

How should it be organized and staffed:

1T



What services should it perform:

1T

How should policies be made and changed:

1T

How should it be funded:

1T

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

1T



BUDGET AND BUDGET NARRATIVE

<u>Phase</u>	<u>Description</u>	<u>Project Cost</u>	<u>Funding Requested</u>
1	<i>Esri Software Procurement</i>	\$7,500	\$7,500
	<p>The County will proceed with the purchase of an additional Esri License to aid in the maintenance of data directly used by Dispatch. This license will be used in conjunction with the In House and Field Tools described in Phase 4.</p>		
2	<i>Convert Data to Esri Database version 10.x</i>	\$43,650	\$43,650
	<p>The County will procure a contractor to convert GIS data to Esri 10.x database format and deploy at the PSAP. Current data is on paper, computer aided design (CAD), and in shapefile.</p>		
3	<i>QA/QC of Conversion</i>		<i>Included in Phase 2</i>
	<p>QA/QC of the Conversion by a contractor will include a detailed review process of the data placement as well as QA/QC tools the public to visualize structure points in Phase 4.</p>		
4	<i>In House and Field Tool Development and Implementation</i>	\$33,450	\$33,450
	<p>Staff will use tools provided from this grant to maintain GIS data in house as well as in the field. The County will encourage citizens to review their structure point location for accuracy and will be provided with a method to report back to the County on inconsistencies.</p>		
	<i>Total Project Amount and Funding Requested</i>	\$84,600	\$84,600



EVALUATION

How will the project be evaluated and measured for achievement and success:

Overall, this project's success will be measured by the amount of improvement in location and provision of emergency services resulting from improved local data. Milestones for measuring project progression and success include:

1. Esri Software Procurement
 - a. Discovery of licensing needed
 - b. Implementation of licensing
2. Existing Data Conversion
 - a. Conversion process by layer/grid
 - b. Contractor/County QA/QC
3. Development of In House and Field Tools
 - a. Procurement
 - b. Training
 - c. Implementation
4. Public Address Verification
 - a. Publicity
 - b. Correction of Errors



FINANCIAL AND PROGRAMMATIC REPORT

PROJECT PHASES

SAMPLE ACTIVITIES

PHASE

SAMPLE ACTIVITIES

INITIATION

(Project approved by appropriate stakeholders)

- 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
- Budgetary estimates are obtained

DESIGN/PLANNING

(Project, system, or solution requirements are developed)

- Requirements are documented
- Components to be purchased are identified
- General design is documented

ACQUISITION

(Selected system or solution is procured)

- RFP (or other bid related processes) are drafted
- Proposals are evaluated
- Contract is signed
- Purchase orders are issued
- Quotes are obtained/grant funds draw down

IMPLEMENTATION

(Selected system or solution is configured and installed)

- Purchased components are delivered and installed
- Training is performed

TESTING/COMPLETION

(Selected system or solution is tested and put in production)

- Performance of system/solution is validated
- System/solution goes "live"