

FY13

# PSAP GRANT PROGRAM APPLICATION



VIRGINIA INFORMATION  
TECHNOLOGIES AGENCY  
Integrated Services Division  
FY13



## FY13 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](mailto: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 FY13 PSAP Grant Application Cycle starts July 1, 2011 and concludes on October 31, 2011 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.**



## FY13 PSAP GRANT APPLICATION

### PROJECT TITLE

Mapping software for dispatch

### GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Giles County

CONTACT TITLE: 911 Communications Supervisor

CONTACT FIRST NAME: John

CONTACT LAST NAME: Davis

ADDRESS 1: 701 Mountain Lake Avenue

ADDRESS 2: [Click here to enter text](#)

CITY: Pearisburg

ZIP CODE: VA

CONTACT EMAIL: [jdavis@gilessheriff.org](mailto:jdavis@gilessheriff.org)

CONTACT PHONE NUMBER: 540-921-4562

CONTACT MOBILE NUMBER: 540-599-4511

CONTACT FAX NUMBER: 540-921-0154

REGIONAL COORDINATOR: [Click to select a Regional Coordinator from the drop down list](#)

### HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

**Giles County**

**Town of Pearisburg**

**Town of Narrows**

**Town of Pembroke**

**Town of Rich Creek**

**Town of Glen Lyn**

### GRANT TYPE

Individual PSAP

Regional Initiative

Consolidation

Secondary Consolidation



### GRANT PROGRAM TYPE

- Wireless E-911 PSAP Education Program
- Continuity and Consolidation       Enhancement

### 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- Technically Outdated\*       Strengthen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**If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.**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:    GeoLynx Mapping 6.0      # YEARS of HARDWARE/SOFTWARE: 2  
years

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**PROJECT FOCUS** [Click to select a project focus from the drop down list](#)

**If "Other" selected, please specify:** [Click here to enter text](#)

### FINANCIAL DATA

Amount Requested: \$ 95,000  
Total Project Cost:    \$ 95,000

### STATEMENT OF NEED



This statement should reference the relationship to the current funding priorities established by the Grant Committee and include evidence of any financial need. Additional items to discuss that referenced need should include: impact on operational services; consequences of not receiving funding; inclusion of project in a long-term or a strategic plan; and local sustainability: With State budget cuts affecting County funding, it is impossible for Giles County to fund this much needed, critical mapping upgrade for our 911 Communications Center. The current platform we use is 6+ years and no longer supported by ESRI. To convert from the MO platform to an AO is a significant upgrade in which is desperately needed to serve the citizens of Giles County, search and rescue and law enforcement.

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

If awarded this grant, it will be maintained and supported by Giles County, King-Moore (our contracted local IT company) and GeoComm.

**COMPREHENSIVE PROJECT DESCRIPTION**



## **WIRELESS E-911 PSAP EDUCATION PROGRAM GRANT REQUESTS ONLY:**

Describe how the education/training is 9-1-1/public safety communications specific and how this will benefit E-911 and the employee(s) and/or PSAP.

[Click here to enter text](#)

## **FOR CONTINUITY AND CONSOLIDATION OR ENHANCEMENT PROJECTS:**

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

- See attachment for this section and project timeline below

## **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"/> <b>INITIATION</b> (Project approved by appropriate stakeholders)	07 / 01 / 12
<input checked="" type="checkbox"/> <b>DESIGN/PLANNING</b> (Project, system, or solution requirements are developed)	07 / 10 / 12
<input checked="" type="checkbox"/> <b>ACQUISITION</b> (Selected system or solution is procured)	07 / 15 / 12
<input checked="" type="checkbox"/> <b>IMPLEMENTATION</b> (Selected system or solution is configured and installed)	07 / 22 / 12
<input checked="" type="checkbox"/> <b>TESTING/COMPLETION</b> (Selected system or solution is tested and put in production)	08 / 01 / 12

Identify the longevity or sustainability of the project.

The longevity and sustainability of this project is a minimum of 5 years unless major software changes have to be implemented or vendor no longer supports platform.



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

[Click here to enter text](#)

If awarded this project, Giles County can meet the Statewide standards and guidelines for equipment, technology and infrastructure to guarantee interoperability and allow for resource sharing.

**REGIONAL INITIATIVE (if applicable)**

The relationship of the initiative to the participating PSAPs:

[Click here to enter text](#)

N/A

Intended collaborative efforts:

[Click here to enter text](#)



**Resource sharing:**

Click here to enter text

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

Click here to enter text

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

**How would a consolidation take place and provide improved service:**

Click here to enter text

N/A

**How should it be organized and staffed:**

Click here to enter text



**What services should it perform:**

Click here to enter text

**How should policies be made and changed:**

Click here to enter text

**How should it be funded:**

Click here to enter text



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

[Click here to enter text](#)

### **BUDGET AND BUDGET NARRATIVE**

List the planned expenditures to be made with grant funds. (NOTE: In lieu of a line item breakdown, an itemized cost schedule or detailed vendor prepared quote may be submitted as an attachment.) Briefly explain the reason for each requested budget item and provide the basis for its cost:

[Click here to enter text](#)

See attached

### **EVALUATION**



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

[Click here to enter text](#)

This project will be evaluated and measured for achievement and success in that we will not have to continually reboot the stations in dispatch for mapping to work. Call time vs response time will be significantly quicker for police, fire and rescue and new structures will be immediately available for the dispatchers to see.



## 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"



### **FOR CONTINUITY AND CONSOLIDATION OR ENHANCEMENT PROJECTS:**

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

While King-Moore and GeoComm continues to support our current system (software and hardware), ESRI no longer supports the MO platform that is used by the version of GeoLynx we currently utilize. If awarded this grant, we can upgrade to the new map engine that is being used and supported by the majority of GIS developers including GeoComm. Our current support does not cover the change from MO to AO engine because we cannot fund the ESRI charges in developers' license fees. The change to AO is also a significant upgrade in which will involve major system changes and dispatchers will have to be trained on the new system. With the eventual generation of 911 moving to SMS, video, etc. we need to upgrade our system or fall behind in our service ability. The detailed description outlining our costs is listed in the attached Budget Narrative.

Our 911 Communication Supervisor has presented our needs, costs, and plans for this project to our governing Board of Supervisors. Although our Board recognizes this as a very crucial need to provide our citizens with efficient response time to medical and law enforcement emergencies, we have no other means of funding this project. Giles County is a very rural area with approximately 17,000 citizens located over 360 square miles. Without this mapping, we will have no choice but to continue to deal with our system locking up, slower uploads of current residential structures and risk the possibility of it crashing beyond repair of its current operation level.

Giles County's 911 communications center provides radio communication for the sheriff's department, five (5) local police departments, eight (8) fire departments, Giles Lifesaving & Rescue, Carilion Patient Transport Services in which we have a 2-year contract in place for CPTS to provide 1 unit 24-7 for 911 medical calls along with SIRS for State police communication. Giles currently has six (6) State Police assigned to our county. As you can see, our communication center is a very critical component and keeping it updated is essential to the well being of the entire county.

### **PROJECT TIMELINE FOR CONTINUITY AND CONSOLIDATION OR ENHANCEMENT PROJECTS:**

Because our need is same as last year but more critical this year and the initial planning and costs have been identified we could have this project 100% completed within 2-3 weeks of being awarded this funding. King-Moore and GeoComm are fully aware of the need for this project and are prepared to make this priority if funded.

**BUDGET AND BUDGET NARRATIVE** List the planned expenditures to be made with grant funds. (NOTE: In lieu of a line item breakdown, an itemized cost schedule or detailed vendor prepared quote may be submitted as an attachment.) Briefly explain the reason for each requested budget item and provide the basis for its cost:

Click here to enter text

Workstations will run the GeoLynx mapping software for plotting 911 calls on the map.

Touchscreen monitors for mapping workstations.

New workstations are required to support the AO platform and replace the outdated stations currently in use.

Price includes equipment and installation. \$51,000.

The new generation of GeoLynx G8, is more than a simple update as in past upgrades.

There will be more involved with the setup and map update for G8 with a sql based configuration program and message switch. It will be necessary for the GIS to be connected to the server that dispatch is connected to. This may involve more technical services from IT. There is a need upgrade to the server to Windows 2003 Server. GeoLynx DMS adds a toolbar to ESRI's ArcMap that exposes features and functions specific to



maintaining public safety GIS data that are not present in the standard ArcGIS product from ESRI: address assignment, address range creation, wireless cell sector maintenance, atlas generation, MSAG and CAD geofile management, and a broad range of quality assurance and quality control (QA/QC) audits. ArcView 9.x mapping software and a Trimble GeoXH GPS unit will be purchased as part of this package. The DMS software requires a minimum of ArcGIS 10. The GIS department is currently using ArcView 8.x. It is becoming more and more critical for this base maintenance software to be updated to work better with not only the dispatch mapping and addressing, but also surrounding PSAP's who are already on version 10.

Price includes installation/setup/training and 1 year warranty and extended maintenance \$44,000