

FY12

# PSAP GRANT PROGRAM APPLICATION



VIRGINIA INFORMATION  
TECHNOLOGIES AGENCY  
Integrated Services Division  
FY12



## FY12 PSAP GRANT PROGRAM APPLICATION

### HOW TO APPLY/DEADLINE

The grant application will be available and accessible from VITA's Integrated Services Program's website (<http://www.vita.virginia.gov/isp/>). 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.

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. In addition to the grant application reference manual, technical assistance is available from VITA's Public Safety Communications (PSC) staff throughout the grant process. The FY12 PSAP Grant Application Cycle deadline is December 22, 2010 at 11:59 pm.



## FY12 PSAP GRANT APPLICATION

### PROJECT TITLE

Mapping Hardware and Software Replacement

### GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Richmond County Sheriff's Office

CONTACT TITLE: Technology Director

CONTACT FIRST NAME: Christopher H.

CONTACT LAST NAME: Jett

ADDRESS 1: P.O. Box 1000

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

CITY: Warsaw

ZIP CODE: 22572

CONTACT EMAIL: [cjett@co.richmond.va.us](mailto:cjett@co.richmond.va.us)

CONTACT PHONE NUMBER: 804-333-1100

CONTACT MOBILE NUMBER: 804-761-8489

CONTACT FAX NUMBER: 804-333-3408

REGIONAL COORDINATOR: Sam Keys

### HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

**Richmond County Sheriff's Office**

_____	_____
_____	_____
_____	_____
_____	_____

### 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 Technically Outdated       Strengthen  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

## PROJECT FOCUS MAPPING

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

## FINANCIAL DATA

Amount Requested: \$ 61020

Total Project Cost: \$ 61020

## 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:

Richmond County received funding from the Wireless E-911 Services Board during FY04 to upgrade its existing single position of Eagle mapping to two (2) positions of Eagle Mapped ALI, allowing E-911 calls to be plotted on the PSAP mapping system (along with the VBMP orthophotography) with just a few clicks of a mouse. This upgrade and additional mapping position greatly improved the response capabilities of the Richmond County dispatchers when handling E-911 calls, especially wireless E-911 calls.



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

Richmond County is proposing to purchase five (5) years of next business day support on the two (2) mapping desktops and the back-room mapping server, which is included in the \$7,000 estimate for hardware replacement. In addition, the County is proposing to pay MSAG LLC a total of \$32,835 for five (5) years of maintenance / technical support on the mapping software.

### COMPREHENSIVE PROJECT DESCRIPTION

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

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.

Currently, the Richmond County PSAP has two functional positions of Eagle Mapped ALI software (version 6.5), allowing dispatchers to plot E-911 calls on a digital map of the County (along with 2002 and 2007 VBMP orthophotography) with just a few clicks of a mouse. However, the hardware associated with this system is more than six (6) years old and is without hardware maintenance support. As a result, the County wishes to replace all hardware associated with this system, as well as upgrade the Eagle Mapped ALI software from version 6.5 to 7.0. The replacement of the

### 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 / 31 / 11
<input checked="" type="checkbox"/> <b>DESIGN/PLANNING</b> (Project, system, or solution requirements are developed)	08 / 31 / 11
<input checked="" type="checkbox"/> <b>ACQUISITION</b> (Selected system or solution is procured)	10 / 31 / 11
<input checked="" type="checkbox"/> <b>IMPLEMENTATION</b> (Selected system or solution is configured and installed)	01 / 31 / 12
<input checked="" type="checkbox"/> <b>TESTING/COMPLETION</b> (Selected system or solution is tested and put in production)	04 / 30 / 12



Identify the longevity or sustainability of the project.

Richmond County received \$33,600 in funding from the Wireless E-911 Services Board for FY2009 for the conversion of its planimetric GIS data to a geodatabase format, as well as the purchase of ESRI and MSAG LLC software (OfficeGIS and TabletGIS) to allow the County to take over maintenance of this data inhouse, allowing for an increased level of accuracy in the data and more frequent updates to the PSAP Eagle Mapped ALL system. The quote provided by MSAG LLC for the Eagle Mapped ALL upgrade (to version 7.0) states that it will be fully compatible with the OfficeGIS and TabletGIS software products already purchased and in use by the County, ensuring that the County and Wireless E-911 Services Board

Describe how this project supports the Virginia Statewide E-911 Strategic Comprehensive Plan.

In the introduction of the Statewide E-911 Strategic Comprehensive Plan, a story is relayed explaining how the Henry County, Virginia PSAP was able to locate two disoriented wireless E-911 callers after estimating their location to within ten (10) feet of their actual position within a wooded area. The results of that story would not have been possible without, among other things, a functional mapping system that provided the ability to plot the location of the wireless 911 caller using the coordinates provided in the ALL data stream. The mapping system current in use by the Richmond County PSAP is over six (6) years old, is without hardware maintenance support.

### REGIONAL INITIATIVE (if applicable)

The relationship of the initiative to the participating PSAPs:

[Click here to enter text](#)



**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



<p><b>How should it be organized and staffed:</b></p> <p>Click here to enter text</p>
<p><b>What services should it perform:</b></p> <p>Click here to enter text</p>
<p><b>How should policies be made and changed:</b></p> <p>Click here to enter text</p>
<p><b>How should it be funded:</b></p> <p>Click here to enter text</p>



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:

Richmond County is requesting a total of \$61,020 in grant funds to cover the cost of replacing the hardware associated with its PSAP mapping system, as well as upgrading the Eagle Mapped AII software from version 6.5 to 7.0. The total cost of \$61,020 can be broken down into a cost of \$7,000 for the hardware replacement, \$21,185 for the software upgrade (which includes costs for data conversion, installation, and on-site training), and \$32,835 for a total of five (5) years of software maintenance / technical support on the mapping system.



## EVALUATION

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

Evaluation of the success of Richmond County's Mapping Support project will include demonstration that the two (2) new mapping desktops and back-room mapping server, as well as the Eagle Mapped ALI 7.0 software upgrade, have been purchased, installed, and are operational within the PSAP, providing the essential function of mapping support to the Richmond County dispatchers including the accurate plotting of E-911 calls on a digital map of the County.



## 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"



December 22, 2010

Chris Jett  
Technology Director  
Richmond County  
PO Box 1000  
Warsaw, VA 22572

RE: Pricing for Eagle 7.0 software and associated services.

Dear Chris:

The following is a quote for the upgraded version of Eagle 7.0 dispatch mapping software. This quote includes setup, configuration, training and any data conversion necessary for use with the new software.

The new version of Eagle will be completely compatible with the existing OfficeGIS and TabletGIS software products. Training will be conducted on-site in Richmond County. Technical support will continue at the normal rate unless notified in writing.

#	Description	Price
1	Eagle 7.0 Server	\$7,995.00
2	Eagle 7.0 Workstation	\$4,990.00
1	Data Setup	\$3,800.00
1	Onsite Installation	\$2,505.00
1	Onsite Training	\$1,895.00
1	Five Years of Technical Support	\$32,835.00
	<b>Total</b>	<b>\$54,020.00</b>

A detailed work order will be sent to Richmond County for signature in accordance with the Master Services Agreement between MSAG and Richmond County upon acceptance of this quote. If you have any questions about the above quote, please feel free to contact me at (540) 829-5670.

Sincerely,

A handwritten signature in blue ink that reads "Brian Avery".

Brian Avery  
Account Representative  
[brian.avery@msag.com](mailto:brian.avery@msag.com)

Windows® . Life without Walls™ . Dell recommends Windows 7.

## View/Print Cart

 [Print Page](#)

### State and Local Government Retail Store

E-quote Number: 1015007511147

<b>E-quote Name</b>	Dispatch Mapping Server	<b>E-Quote Description</b>	Dispatch Mapping Server
<b>Saved By:</b>	Christopher H Jett cjett@co.richmond.va.us	<b>Phone Number:</b>	(804) 333-1100
<b>Saved On:</b>	Wednesday, December 22, 2010	<b>Purchasing Agent:</b>	
<b>Expires On:</b>	Friday, January 21, 2011	<b>Notes/Comments:</b>	
<b>Premier Page Name</b>	State and Local Government Retail Store	<b>Additional Comments:</b>	

#### Description



#### Dell PowerEdge R210 - New!

Date & Time: December 22, 2010 8:44 PM CST

#### SYSTEM COMPONENTS

##### Dell PowerEdge R210 - New!

PowerEdge R210 Chassis w/up to 2 Cabled HDs and Quad-Pack LED Diagnostics, Windows Server 2008 R2, Standard Edition,x64, Includes 5 CALS	Qty	1
	Unit Price	\$4,065.72

**Catalog Number:** 84 W1619

Module	Description	<a href="#">Show Details</a>
<b>PowerEdge R210</b>	PowerEdge R210 Chassis w/up to 2 Cabled HDs and Quad-Pack LED Diagnostics	
<b>Operating System</b>	Windows Server 2008 R2, Standard Edition,x64, Includes 5 CALS	
<b>Ship Group</b>	Shipping Material,PowerEdge R210	
<b>Memory</b>	8GB Memory (4x2GB), 1333MHz Single Ranked UDIMM	
<b>Processor</b>	Intel® Xeon® X3470, 2.93 GHz, 8M Cache, Turbo, HT	
<b>Primary Hard Drive</b>	HD Multi-Select	
<b>Internal Controller</b>	SAS 6iR SAS internal RAID adapter, PCI-Express	
<b>Network Adapter</b>	On-Board Dual Gigabit Network Adapter	
<b>Embedded Management</b>	Baseboard Management Controller	
<b>Internal Optical Drive</b>	DVD-RW Drive, SATA	
<b>Bezel</b>	Bezel	
<b>System Documentation</b>	Electronic System Documentation, OpenManage DVD Kit with DMC	
<b>Hard Drive Configuration</b>	RAID 1 - Add-in SAS6iR or H200 (SAS/ SATA Controller), 2 Hard Drives	
<b>Rails</b>	2/4 -Static Post Static Rails	
<b>Hardware Support Services</b>	5 Year ProSupport and NBD On-site Service	

<b>Proactive Systems Management</b>	Dell Proactive Systems Management
<b>Installation Services</b>	No Installation
<b>Proactive Maintenance</b>	Proactive Maintenance: 1 event per year, Remote Delivery, 5 Year
<b>OS Partitions</b>	Maximum Partition Size for Microsoft OS
<b>Power Cords</b>	Power Cord, NEMA 5-15P to C13, wall plug, 10 feet
<b>Energy Star</b>	Energy Star for Computer Servers Qualified
<b>Warranty Extension Notice</b>	Warranty Extension Notice – Ensure coverage with notification when your warranty is about to expire
<b>Hard Drives (Multi-Select)</b>	(2) 500GB 7.2k RPM Serial ATA 3Gbps 3.5-in Cabled Hard Drive

**TOTAL: \$4,065.72**

	Total Price
<b>Sub-total</b>	<b>\$4,065.72</b>
<b>Shipping &amp; Handling<sup>1</sup></b>	--
<b>Tax</b>	--
<b>Total Price<sup>2</sup></b>	--

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