



FY12

PSAP GRANT PROGRAM APPLICATION



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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. 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

Martinsville-Henry County 911 Center – Primary Mapping Server and Workstation Replacement.

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: **Martinsville-Henry County 911**
 CONTACT TITLE: **Operations Supervisor**
 CONTACT FIRST NAME: **JR**
 CONTACT LAST NAME: **Powell**
 ADDRESS 1: **P.O. Box 7**
 ADDRESS 2: **3300 Kings Mountain Rd.**
 CITY: **Collinsville, VA**
 ZIP CODE: **24078**
 CONTACT EMAIL: **vpowelljr@yahoo.com**
 CONTACT PHONE NUMBER: **(276) 632-7677**
 CONTACT MOBILE NUMBER: **(276) 732-9543**
 CONTACT FAX NUMBER: **(276) 638-1394**
 REGIONAL COORDINATOR: **Donna Brown**

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Martinsville-Henry County 911 Center	City of Martinsville
	County of Henry



GRANT TYPE

- Individual PSAP
- Consolidation
- Regional Initiative
- Secondary Consolidation

GRANT PROGRAM TYPE

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

TIER

- Out of Service
- Technically Outdated
- Not Applicable
- Non-Vendor Supported
- Strengthen

PROJECT FOCUS **“MAPPING SUPPORT”**
(Primary Mapping Servers & Workstations)

FINANCIAL DATA

Amount Requested: \$ 105,209
Total Project Cost: \$ 105,209



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:

The Martinsville-Henry County Joint 911 Center will complete the installation of a Next Generation CPE System during December 2010. In preparing for these new NG technologies, we find ourselves in need of replacing technically outdated primary mapping servers and workstations that run our entire 911 mapping and CAD systems. Replacing this equipment will allow us to not only prepare for the NG-911 CPE just installed, but also allow us to maintain our current state of readiness, and ability to maintain current service levels to the general public.

It is no secret that the City of Martinsville and the County of Henry unfortunately has the highest unemployment rate across the Commonwealth. That being said, the local economy is in no position to support this project in which we are requesting grant funds. Without the award of the requested grant funds, our PSAP, which supports three law enforcement agencies, six EMS agencies, and nine fire agencies, will be unable to replace servers and workstations that are well past their life expectancy. The Martinsville-Henry County 911 Center submitted this same grant request during the FY'11 Wireless Board Grant Cycle, but due to lack of funding, the grant was not approved. Therefore, we find ourselves trying to survive another year with this already technically outdated hardware.



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

The Martinsville-Henry County 911 Center will be responsible for maintaining the 911 mapping and CAD systems for future years. We will utilize the Henry County Information Services Department to assist in maintenance and technical assistance on these systems.

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.

N/A



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.

The Martinsville-Henry County 911 Center's goal is to replace technically outdated primary mapping/CAD servers, workstations, monitors and hardware, which is well past its life expectancy. The equipment that will be purchased will have the capability of handling NG-911 technologies forthcoming. As previously mentioned, our PSAP will finish the installation of a NG-911 CPE system in December 2010. With that system in place, we are in desperate need to upgrade our primary mapping/CAD servers and workstations to handle those technologies coming from the NG-911 CPE.

Our work plan would be to establish computer and monitor equipment requirements (processor speed, hard drive speed and space, etc.), have our I.S. Department obtain quotes from Dell through already existing County contracts, review quotes to ensure they are within approved grant funding amounts and, if so, request I.S. to obtain the computer and monitors. Henry County I.S. would install software, optimize hardware, and network these computers at no additional costs. Each PC would be checked prior to and just after installation in the 911 Center to ensure all hardware and software was operating successfully.



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 type="checkbox"/> INITIATION (Project approved by appropriate stakeholders)	05 / 01 / 11
<input type="checkbox"/> DESIGN/PLANNING (Project, system, or solution requirements are developed)	06 / 01 / 11
<input type="checkbox"/> ACQUISITION (Selected system or solution is procured)	08 / 01 / 11
<input type="checkbox"/> IMPLEMENTATION (Selected system or solution is configured and installed)	12 / 01 / 11
<input type="checkbox"/> TESTING/COMPLETION (Selected system or solution is tested and put in production)	01 / 31 / 12

Identify the longevity or sustainability of the project.

The Martinsville-Henry County 911 Center receives full technical support from the Henry County Information Services (I.S.) Department in maintaining and supporting any and all computer hardware and software. The I.S. Department has, and will continue, to provide full support on such equipment that shall be purchased through this grant.



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

This project supports Virginia StateWide E-911 Comprehensive Plan by giving our PSAP the financial ability to replace technically outdated computer equipment that provides wireless 911 mapping and CAD functionality to the PSAP, serving the citizens of Martinsville and Henry County. This project will allow our PSAP to replace computer equipment that is used to receive, process and dispatch wireless 911 calls for service, with computer equipment that is capable of handling NG-911 technologies. Noting that the existing hardware is well past its life expectancy and is technically outdated.

REGIONAL INITIATIVE (if applicable)

The relationship of the initiative to the participating PSAPs:

The Martinsville-Henry County 911 Center provides 911 services to both the City of Martinsville and the County of Henry. With the ability to replace our technically outdated primary mapping servers and workstations, our PSAP will have the ability to continue providing the level of support expected from those localities.

Intended collaborative efforts:

The City of Martinsville and the County of Henry have worked together since 1988 in the consolidation of the Martinsville-Henry County 911 Center. Both localities provide support to the PSAP and will both benefit from the replacement of the technically outdated primary mapping/CAD servers and workstations.



Resource sharing:

The mapping servers and workstations that will be purchased through this grant will be used to support both the City of Martinsville and the County of Henry in providing receipt of and processing of wireless and wireline 911 calls for service.

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

With the ability to replace our technically outdated primary mapping servers and workstations, with such equipment capable of handling NG-911 technologies, both the City of Martinsville and County of Henry will be prepared for future technologies in the NG-911 arena.

CONSOLIDATION (Primary or Secondary) - (if applicable)

How would a consolidation take place and provide improved service:

N/A



How should it be organized and staffed:

N/A

What services should it perform:

N/A

How should policies be made and changed:

N/A

How should it be funded:

N/A



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

N/A



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:

\$37,999 – (10) Primary Mapping Workstations (Dell Precision R5400) with quad video cards.

(This workstation will permit our PSAP to replace our technically outdated primary mapping workstations. The proposed workstations will allow our PSAP to continue with consolidation of mapping and CAD software in a rack mounted environment instead of requesting separate workstations for each application.)

\$17,499 – (7) Primary Mapping Workstations (Dell Precision T3500) for support personnel.

(These workstations will replace the technically outdated mapping workstations for the 911 Director, Operations Supervisor, Admin Tech, County Mapping, City Mapping, EOC Mapping.)

\$7,300 – (10) Touch Screen Monitors (1928L Intellitouch Monitor)

(These monitors are used for receipt of and dispatching of wireless 911 calls for service on the 10 primary mapping workstations requested above.)

\$1,800 – (1) Dell 4820 Cabinet

(This cabinet will be used to house the 10 primary mapping workstations requested above.)

\$7,499 – (2) Smart-UPS RT 5000VA

(These UPS will provide backup power for the 10 primary mapping workstations.)

\$999 – (2) GEIST (Provide UPS redundancy for the 10 primary mapping workstations.)

\$22,064.14 – (2) Dell PE R610 Server (Servers are setup in cluster configuration with shared storage.)

\$3,048.60 – (2) Microsoft Windows Server 2008 RS Enterprise Software license.

\$7,000 – Unexpected contingency fund. (This will provide the PSAP with funding for any unexpected changes in hardware requirements.)



EVALUATION

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

Each server and workstation will be shown to be in good working order in the I.S. Department upon delivery. The I.S. Department will load all software and test each component for successful operation prior to physical installation in the 911 Center. Once installed in the 911 Center, each server and workstation will be thoroughly tested again individually for successful hardware and software functionality.



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"

