

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

Orange County's GIS and Mapping Upgrade

### GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Orange County Emergency Communications Center

CONTACT TITLE: E911 Center Manager

CONTACT FIRST NAME: Nicola

CONTACT LAST NAME: Tidey

ADDRESS 1: 112 West Main Street

ADDRESS 2: PO Box 111

CITY: Orange

ZIP CODE: 22960

CONTACT EMAIL: ntidey@orangecountyva.gov

CONTACT PHONE NUMBER: 540-661-5433

CONTACT MOBILE NUMBER: 540-406-7089

CONTACT FAX NUMBER: 540-672-6375

REGIONAL COORDINATOR: Stefanie McGuffin

### HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

**Orange County Emergency Communications Center**

_____	_____
_____	_____
_____	_____

### 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       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 Technically Outdated\*       Strengthen  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**If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.**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: New World      # YEARS of  
HARDWARE/SOFTWARE: 3 years

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**PROJECT FOCUS** PSAP H/S

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

### FINANCIAL DATA

Amount Requested: \$ 12,000.00

Total Project Cost: \$ 12,000.00

### 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, along with additional information on the impact on operational services; consequences of not receiving funding; inclusion of project in a long-term or a strategic plan; and local sustainability:

Currently our CAD does not have mapping integrated into the system. Mapping and address verification is the corner stone of 911 centers being able to provide 911 emergency services to citizens in need. Without this function the Emergency communications officer quite literally has to turn their focus to another computer system to ensure that the right address is in the system. This causes a delay in services to the citizens who depend and expect rapid access to public safety emergency services.

Over the last 3 years Orange County has taken a 10.6% cut in budget with a total of 3 positions being eliminated. Because of this we are seeking 100% funding.

Despite this we have taken strides to ensure that we maintain a high level of readiness and have completed a large upgrade to our CAD system to ensure we are ready for the future. The last step is to combine our mapping system into our CAD system.

The County Zoning Department and IT Department are also working hand in and hand with the E911 center to provide a locally supported GIS department. If this grant is not funded we will end up having the County producing one set of maps, with a third party outside vendor producing another for the E911 center. Both agencies must be able to provide the same information and work harmoniously together.

This project supports the County Strategic goal and will allow the delivery of more effective and accurate of 911 services.



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

The proposed project is to integrate mapping into our CAD system.

Maintenance cost for this system is already included in the Orange E911 proposed budget and money savings would be seen by the elimination of a third party mapping vendor.

**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.

The proposed project is to enhance and integrate the mapping system with the CAD.

The E911 Center, County IT Department and County Zoning Department will work hand in hand together to develop locally supported GIS.

At this time our mapping system is a standalone system, with separate PC, monitors, and mice. The mapping system also requires to be hosted on a server located within the 911 server room.

The mapping system is integrated with ANI/ALI. However, when a call for service is received not only must the Communications Officer verify the address on the mapping system, they then must manually enter information into the CAD system. This creates a delay in service and unfortunately has lead to wrong address information being inputted into the CAD system.

Furthermore, 2 mapping systems must be updated, and inconsistencies between CAD GIS and the mapping program appear more frequently than liked.

With integrating mapping into the CAD system will make for smoother operations, eliminating the need for Communications Officers to have to manually transcribe addresses from the map into CAD.

This will also eliminate the need to maintain two sets of GIS databases.

Furthermore, the Communications Officers must today operate with 3 keyboards, 4 mice, and 4 separate computer systems. By eliminating the Mapping computer we also increase their work area and decrease the number of computer hardware items they must use to process a call for service.



### 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 / 2012
<input checked="" type="checkbox"/> <b>DESIGN/PLANNING</b> (Project, system, or solution requirements are developed)	08 / 01 / 2012
<input checked="" type="checkbox"/> <b>ACQUISITION</b> (Selected system or solution is procured)	09 / 01 / 2012
<input checked="" type="checkbox"/> <b>IMPLEMENTATION</b> (Selected system or solution is configured and installed)	12 / 01 / 2012
<input checked="" type="checkbox"/> <b>TESTING/COMPLETION</b> (Selected system or solution is tested and put in production)	03 / 01 / 2013

Identify the longevity or sustainability of the project.

Mapping and GIS is already part of the 911 daily operations. The project will be sustained by the local GIS department. The operating budget has maintenance costs already incorporated.



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

The public has an expectation of its 911 services. By implementing this program we can be surer of a higher level of services to our citizens by accurately verify and processing address information as well as sending the most appropriate resource. This supports Goal A and Goal B of the Comprehensive plan.

**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

**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: Vendor prepared quote is attached. The proposed enhancement will be replacing the current mapping system that is used in the Center. Our current mapping system is the EAGLE Map and cannot be integrated with our current CAD. Upgrading our system will allow CAD and mapping to be used jointly and enhancing patient citizen assistance

### **EVALUATION**



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

We will measure the achievement and success of the project through the quality assurance process. CO's are QA'd regularly and proper location information is required in order to have a successful QA review. Time savings would also be seen in the maintenance of the GIS data bases.



## 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"