



**FY18**

# **PSAP GRANT PROGRAM APPLICATION**



VIRGINIA INFORMATION  
TECHNOLOGIES AGENCY  
Integrated Services Division



## FY18 PSAP GRANT PROGRAM APPLICATION

### HOW TO APPLY/DEADLINE

The grant application is available and accessible from VITA ISP's website (<http://www.vita.virginia.gov/isp/default.aspx?id=8578>). Upon completion of the application, it is to be submitted to the electronic mailbox for grant applications - [psapgrants@vita.virginia.gov](mailto:psapgrants@vita.virginia.gov). Any supporting documentation must also be submitted along with the application when making your grant application submission.

After the close of the grant application cycle, a Grant ID and email receipt notification will be sent to the 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 FY18 PSAP Grant Application Cycle starts July 1, 2016 and concludes on September 30, 2016 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.**



## FY18 PSAP GRANT APPLICATION

### PROJECT TITLE

2T

### GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Isle of Wight County

CONTACT TITLE: Sheriff

CONTACT FIRST NAME: Mark

CONTACT LAST NAME: Marshall

ADDRESS 1: P.O. Box 80

ADDRESS 2: 17110 Monument Circle

CITY: Isle of Wight

ZIP CODE: 23397

CONTACT EMAIL: mmarshall@isleofwightus.net

CONTACT PHONE NUMBER: 757-365-6313

CONTACT MOBILE NUMBER: 757-449-4839

CONTACT FAX NUMBER: 2T

REGIONAL COORDINATOR: Lyle Hornbaker

### HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

<b>Isle of Wight (Host)</b>	<b>Gloucester County</b>
	<b>Darrell W. Warren</b>
	<b>Sheriff</b>
	<b>804-693-3890</b>

### GRANT TYPE

Individual PSAP

Shared Services



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- Technically Outdated\*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**If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.**

**Isle of Wight:**

VERSION:

MicroDATA, installed July 2011, Non-Vendor Supported

---

**Gloucester:**

VERSION:

Vesta Pallas, BCM 400, purchased August 2009, Non-Vendor Supported

---

**PRIORITY/PROJECT FOCUS CALL HANDLING EQUIPMENT**

**FINANCIAL DATA**

Amount Requested: \$ 350,000 (2 @ \$175,000)

Total Project Cost: \$ 539,591 (2 CHE @ \$269,795)

Isle of Wight and Gloucester request \$175,000 each



## PROJECT DESCRIPTION

**Provide a detailed description of the project for which funding is being sought, including the impact on operational services and consequences of not receiving funding; the relationship to local strategic and capital improvement plans; and sustainability:**

Isle of Wight County currently has MicroDATA 9-1-1 Call Handling Equipment. The system was installed in 2011. The system is beyond the end of life expectation and will not support the critical wireless technology that is paramount for the future of the 9-1-1 Center. Without this grant, the antiquated system will expose Isle of Wight's 9-1-1 Center of becoming susceptible to system failures with the strong possibility of loss of life. The current system is unable to communicate with any NG9-1-1 technology that has become expected by the residents and visitors of Isle of Wight County.

Gloucester County currently has Vesta Pallas, BCM 400 that was purchased in 2009. The BCM 400 variant that Gloucester purchased and currently uses will reach "End of Support Delivery (EoL) on December 31, 2016 and after that point service will only be provided as a "best effort". Best effort maintenance is not consistent with the public safety nature of CHE, therefore replacement is critical.

There are no capital funds currently identified to replace the systems, however the need is recognized. Isle of Wight plans to replace their system in FY18 and Gloucester plans to replace their system in FY19. The grant funds will offset the financial burden for the cost of the project (\$269,796 each locality). Receipt of \$175,000 in PSAP grant funding for each agency will reduce their net expenditure to approximately \$100,000 each, which is much more attainable. Without this upgrade the Counties will continue to be at a critical disadvantage with considerable risk of an inability to communicate with the public and other agencies due to outdated/non-vendor supported equipment.

The systems will be sustained by vendor maintenance agreements funded by the individual County. This upgrade will allow both Counties to integrate into the most up-to-date state of the art technology that is currently available. The new equipment will allow the two Counties to provide a higher level of service for current and future technology for Isle of Wight and Gloucester.



**Provide a detailed description of the project for which funding is being sought, including the impact on operational services and consequences of not receiving funding; the relationship to local strategic and capital improvement plans; and sustainability: (cont'd.)**

Gloucester and Isle of Wight plan to work together to procure new CHE equipment and the Purchasing Agents for each locality have agreed to work together to use a joint procurement process to obtain most valuable pricing owing to economies of scale. Further, Gloucester and Isle of Wight will soon be tied together with other regional partners (Suffolk, York, James City, Williamsburg, and Poquoson) via a public safety grade wide area network that will provide opportunity for further collaboration and as such it is important for CHE equipment to be compatible. The wide area network is part of broader public safety radio system upgrades in Isle of Wight where a modern 800 MHz trunked system will be installed operating as a cell off of the Suffolk system which combined system will be tied to the York/JCC/Gloucester system for master site redundancy. This geo-diverse wide area network provides great opportunity for continued collaboration including PSAP collaboration, again supporting the process of Gloucester and Isle of Wight purchasing CHE equipment together.



## PROJECT GOAL

**Describe how this project addresses locally identified need(s) and supports the Virginia 9-1-1 Comprehensive Plan:**

This project supports the Virginia 9-1-1 Comprehensive Plan by updating out of date call handling equipment by providing a state of the art NG9-1-1 capable system that will support future upgrades required with new technology.

## PROJECT OBJECTIVES

**Describe the objectives that will support the goals identified above:**

The objective is simply to replace existing outdated and non-vendor supported CHE with state of the art NG9-1-1 capable systems in each locality that will support future upgrades and potential future collaboration.



**SHARED SERVICES (if applicable)**

**IMPLEMENTATION PLAN**  
**SHARED SERVICES & INDIVIDUAL PSAP APPLICATIONS:**  
**For each applicable phase of the project, indicate the planned completion date.**

**Describe the relationship of the project to the participating PSAPs:**

As noted in the project description the participating PSAPs will be tied together in one wide area network enabling future collaboration between the PSAPs. As such, purchasing the same state of the art equipment will both support that collaboration and provide an economy of scale.

**Describe the intended collaborative efforts and resource sharing opportunities:**

See Project Description for information on plan for cooperative purchasing.





PROJECT PHASE	PLANNED COMPLETION DATE
<p><b>INITIATION</b> – 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, and budgetary estimates are obtained.</p>	<p><b>60 days after award</b></p>
<p><b>DESIGN/PLANNING</b> - Requirements are documented, components to be purchased are identified, and general design is documented.</p>	<p><b>90 days</b></p>
<p><b>ACQUISITION</b> - RFP (or other bid related processes) are drafted, proposals are evaluated, contract is signed, purchase orders are issued, and quotes are obtained.</p>	<p><b>IOW 60 days Glo. FY19</b></p>
<p><b>IMPLEMENTATION</b> - Purchased components are delivered and installed and training is performed</p>	<p><b>IOW 6 months Glo. FY19</b></p>
<p><b>TESTING/COMPLETION</b> - Performance of system/solution is validated and system/solution goes “live”</p>	<p><b>IOW 8 months Glo. FY19</b></p>



## BUDGET AND BUDGET NARRATIVE

List the planned expenditures to be made with grant funds. Briefly explain the reason for each requested budget item and provide the basis for its cost. In addition, if contingency cost has been added, please identify the amount.

**NOTE:** In lieu of a line item breakdown, an itemized cost schedule or detailed vendor prepared quote may be submitted as an attachment, but a narrative is still required. However, budgetary quotes received from a particular vendor(s) during the application process do not commit the PSAP to use that vendor(s) once the grant is awarded.

Motorola Solutions cost estimate:

Emergency Call Works (ECW) Call Station Geo-diverse

Six positions at each agency (12 total) project total: \$550,055.58

Isle of Wight ECW Callstations Stand Alone (6 positions) \$269,795.60

Gloucester County ECW Callstations Stand Alone (6 positions) \$269,795.60

Airbus Communications cost estimate:

Six positions at each agency (12 total) project total: \$570,000

Isle of Wight PSAP (6 positions) \$285,000

Gloucester PSAP (6 positions) \$285,000

Note that the specified equipment is only for budget purposes and future evaluation may guide the selection of alternate equipment. It is important to note also that these are only estimates and a more detailed review will be required prior to issuing an RFP. Both jurisdictions will be purchasing an NG9-1-1 compatible state of the art current production CHE.



## EVALUATION

How will the project as identified in the project description be evaluated and measured for achievement and success:

The primary evaluation will be described in the vendor's statement of work and the achievement will be identified during the acceptance testing by the project managers. The ultimate identification of the project's success will be from the system's live performance by properly processing emergency/non-emergency calls for service and the ability to accept and handle Text to 9-1-1 calls for service



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

How would a consolidation take place and provide improved service:

Not applicable

How should it be organized and staffed:

Not applicable

What services should it perform:

Not applicable

How should policies be made and changed:

Not applicable



**CONSOLIDATION (Primary or Secondary) - (complete only if applicable) – con't**

How should it be funded:

Not applicable

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

Not applicable