



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. 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

City of Suffolk Text to E 9-1-1

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: City of Suffolk

CONTACT TITLE: Sergeant

CONTACT FIRST NAME: Sandra

CONTACT LAST NAME: Springle

ADDRESS 1: 111 Henley Place

ADDRESS 2: 2T

CITY: Suffolk

ZIP CODE: 23434

CONTACT EMAIL: sspringle@suffolkva.us

CONTACT PHONE NUMBER: 757-514-7927

CONTACT MOBILE NUMBER: 2T

CONTACT FAX NUMBER: 757-514-4225

REGIONAL COORDINATOR: Lyle Hornbaker

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Suffolk City PSAP (Host)

**Isle of Wight County PSAP
(Participating)**

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- Technically Outdated*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If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.

VERSION: _____ # YEARS of HARDWARE/SOFTWARE: _____

PRIORITY/PROJECT FOCUS MAPPING SYSTEMS

FINANCIAL DATA

Amount Requested: \$51,978 2T

Total Project Cost: \$51,978



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:

The timely response of emergency services is critical to saving lives and property. As technology has changed and information is reduced to digital data, PSAPs must ensure that their data is up-to-date and accurate. Establishing accurate boundaries between jurisdictions is one way to ensure that when a citizen requests emergency services, the proper and/or nearest first responder is dispatched. Currently, if a citizen calls for emergency services and the call goes to the wrong jurisdiction's PSAP, that jurisdiction will have to transfer the call to the proper PSAP. This takes valuable time and may require the citizen having to repeat information. The City of Suffolk and the County of Isle of Wight have agreed to rectify this problem by evaluating and clarifying our boundary lines. The evaluation will require the employment of a vendor which specializes in this field and will offer accurate solutions to our boundaries. Between Suffolk and Isle of Wight, there are over 36 border miles. Recently a vendor reviewed data for both jurisdictions and discovered gaps and overlaps on the boundaries. This proposal is to acquire a vendor to study jurisdictional boundaries and correct the deficiencies that could create response time issues.



PROJECT GOAL

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

Both jurisdictions recognize that the boundaries have gaps and overlaps. This has and will continue to cause redirection of emergency calls. This is unacceptable to both jurisdictions especially when it can be corrected through technology. Goal 7 of the Comprehensive plan: Leverage GIS technology and data to better locate callers and improve response capabilities. This project aims to validate and improve GIS data quality and integration for public safety purposes. These jurisdictions also believe it will increase integration between PSAP and GIS domains. The project will improve call processing location and workflow.

PROJECT OBJECTIVES

Describe the objectives that will support the goals identified above:

The near- perfection of call processing is of vital importance in eliminating wasted time and improving the outcome of an emergency situation. Eliminating the need to transfer calls and knowing with confidence that the call received is in the proper jurisdiction will ensure better response. On the Fire-Rescue side, mutual aid to a location when one can respond faster than the host jurisdiction is normal protocol. The vendor will make recommendations on who should respond regardless of jurisdiction. The closer emergency services will respond even if to assist the host jurisdiction. This can save lives and property loss.



SHARED SERVICES (if applicable)

Describe the relationship of the project to the participating PSAPs:

The City of Suffolk and the County of Isle of Wight have a good working relationship and actually have an agreement to share equipment. It should be noted that the border of these jurisdictions is mostly rural and any response will be time consuming. This should eliminate the “lost time” of responding to calls outside to the proper jurisdiction.

Describe the intended collaborative efforts and resource sharing opportunities:

As stated before, the City of Suffolk and the County of Isle of Wight, have engaged in collaborative efforts. The County will shortly be connecting to Suffolk’s radio towers to improve their communications capabilities. While Suffolk will be the host agency, Isle of Wight has been most responsive to this proposal.



**IMPLEMENTATION PLAN
SHARED SERVICES & INDIVIDUAL PSAP APPLICATIONS:**

For each applicable phase of the project, indicate the planned completion date.

PROJECT PHASE	PLANNED COMPLETION DATE
INITIATION – 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.	08 / 01 / 17
DESIGN/PLANNING - Requirements are documented, components to be purchased are identified, and general design is documented.	10 / 01 / 17
ACQUISITION - RFP (or other bid related processes) are drafted, proposals are evaluated, contract is signed, purchase orders are issued, and quotes are obtained.	01 / 30 / 18
IMPLEMENTATION - Purchased components are delivered and installed and training is performed	03 / 30 / 18
TESTING/COMPLETION - Performance of system/solution is validated and system/solution goes “live”	10 / 01 / 18



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.

A vendor's quote is attached. The narrative is below:

The implementation of the GIS boundary delineation will require three phases:

Phase 1. The collection of GIS data and other pertinent files. From a preliminary evaluation, the City and the County have slightly different information and this will need to be corrected. Cost- \$24,938

Phase 2. The collected information and data will be evaluated with Suffolk and Isle of Wight and the evaluation results will be presented to both localities. The vendor will also establish meet points. Cost - \$14,400.

Phase 3. Boundary Finalization- The vendor will not only have the border firmly established, it will provide drivetime analysis and offer recommendations to the two localities and upon acceptance, the updated data will be deployed into the localities' systems. Cost- \$12,640

Grant request- \$51, 978



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

Evaluation will come in the form of reviewing transferred calls. Analysis of the reduction of transferred calls will show that the delineation has improved responses. Furthermore, the establishment of meet points will be monitored by responders to ensure effective response.



CONSOLIDATION (Primary or Secondary) - (complete only 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:

2T



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

How should it be funded:

N/A

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

N/A



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September 27, 2016

Joel Howard
Suffolk, Virginia
111 Henley Place
Suffolk, Virginia 23439

via email: jhoward@suffolkva.us

RE: QUOTE REQUEST

Dear Mr. Howard:

Timmons Group is pleased to provide the following quotes for geospatial consulting work:

Phase 1 - GIS Data	
Data Collection	\$1,440
Determine Roads to Include	\$720
Determine Addresses to Include	\$720
Driveways	\$720
Create Driveways (1/2 mile)	\$7,058
Data Attribution Corrections	\$6,160
ESN Analysis	\$4,760
Draft Drivetime Analysis	\$3,360
Phase 2 - Administration	
Analysis of Data Results with Isle of Wight	\$4,480
Analysis of Data Results with Suffolk	\$4,480
Meeting to Establish Meet Points	\$5,440
Phase 3 - Boundary Finalization	
Final Drivetime Analysis	\$3,360
Final Recommendations	\$3,520
Edits Based on Recommendation Approved by Localities	\$3,360
Deployment	\$2,400
Project Total	\$51,978

The Goals of this project include:

- Define the PSAP Boundaries between the City of Suffolk and the County of Isle of Wight

All anticipated travel costs are included in this estimate.

Thank you for considering Timmons Group for this important project, and if I can be of any further assistance please don't hesitate to contact me at 804.200.6960, or by email at sarah.dennis@timmons.com.

Sincerely,

A handwritten signature in black ink that reads "Sarah Hague Dennis". The signature is written in a cursive, flowing style.

Sarah Hague Dennis, GISP
Geospatial Client Manager, Local Government Practice Leader