

## PSAP Grant Program Grant Ranker

# View Application--187--GPS Field Maintenance Tools

**Grant Period:** 2010

**Tier:** Replacement of out of service wireless E-911 equipment to enable primary PSAP to maintain current service levels to the general public (**OUT OF SERVICE**)

**Grant Program:** Continuity and Consolidation **Grant Type:** Individual PSAP

**Priority:** GIS: high priority (refer to GIS-related Grant Request Prioritization Matrix for a description of GIS projects that would have a high funding priority) (**GIS HIGH PRIORITY**)

**Primary PSAP Applicants:** Farmville Police Communications

**Jurisdictions Served:** Farmville, Town of  
Prince Edward, County of

### **Project Director:**

Jonathan Pickett  
County Planner  
P.O. Box 382 Farmville, VA 23901  
434-392-8837 (phone)  
(fax)  
jpickett@co.prince-edward.va.us

### **Project Description:**

**Total Project Cost** \$19,000.00

**Amount Requested:** \$19,000.00

### **Statement of Need:**

Relationship to the Current Funding Priorities This grant request is categorized as Continuity, High Priority as stated the Grant Guidelines for 2010. #4 GIS: High Priority – Non-enterterprise 9-1-1 Specific GIS Tools, Maintenance Field Tools (9-1-1 Specific and Supports High Priority Data Elements) Evidence of Financial Need The PSAP does not currently have a GPS Receiver or Data Collector with which to attain coordinates for new structures, access point, or centerlines. The previous equipment is irreparable and out of date. In order to provide data in the interim, Prince Edward has borrowed the necessary equipment from two different vendors that must be returned. The County/Town intend to use all of the funding requested in this grant to purchase the necessary equipment, software and training. Impact on Operational Services This project will enable the County to accurately locate roads, structures, access points, and other features using GPS and GIS in the field. This will significantly improve the accuracy of the roads and structures used in the PSAP mapping and dispatch operations. Consequences of not receiving funding The County has some available funding for address maintenance, but lacks the funding to purchase new GPS equipment. If this funding is not received, the County will not have a GIS or E-911 with accurate address structure point, access point, or centerline information. Inclusion of Project in PSAP Planning This equipment is part of our long-term commitment to improve local response capability through accurate placement and dispatch to citizen locations.

### **Comprehensive Project Description:**

**Project Description** The PSAP does not currently have a GPS Receiver or Data Collector with which to attain coordinates for new structures, access point, or centerlines. This project will involve defining the specific requirements of the PSAP, evaluating vendors and pricing, implementing the new equipment, and training on new equipment and software. The PSAP is interested in purchasing an off-the-shelf Address management system that will enable timely updates by reducing the current paper trail. The system will afford the County and Town the ability to generate E-911 addresses directly into the County's standard Geodatabase. The system will further enable the County to optionally assign E-911 addresses in the field using integrated GPS capabilities. Additionally, the system will support the future development of the County's E-911 dispatch map books through map book generator features. The system containing all of these features will empower the GIS office to provide updates to the PSAP's mapping system in a much more timely fashion, even daily basis.

**Goals and Objectives**

**Goal** The goal of this project is improve the spatial accuracy and data of the address structure points, access points and centerlines by implementing much needed equipment, software, and training.

**Project Objectives**

1. Determine the specific needs of the PSAP
2. Evaluate vendors, options, and pricing
3. Acquire new equipment and software
4. Implementation and training of necessary staff

**Project Timeline** (days from grant award)

- 05 – Equipment/Software needs assessment
- 15 – Vendor Research
- 30 – Equipment/Software decision and purchase
- 50 – Implementation and training

### **How will the equipment purchased will support future technologies for PSAP readiness?:**

**Project Sustainability** Once purchased, the products delivered from this project will be incorporated into the standard data work processes of the PSAP and GIS.

### **Budget and Budget Narrative:**

Shown below is the proposed fee for providing the products and services described previously.

Proposed Project Fee	Itemized Product	Estimate	Cost
	Tablet PC	\$5,000.00	
	GPS equipment	\$4,000.00	
	Software & Configuration	\$7,500.00	
	On-site Training	\$2,500.00	
	<b>Total Fee</b>	<b>\$19,000.00</b>	

### **Evaluation:**

Evaluation data will be collected throughout the project as specific milestones are achieved. The data sources will include regular project status reports, milestone testing and acceptance documents, and final project acceptance documents. Project milestones and status reports will follow our specific objectives:

1. Determine the specific needs of the PSAP
2. Evaluate vendors, options, and pricing
3. Acquire new equipment and software
4. Implementation and training of necessary staff

### **Attachments**