

PSAP Grant Program Grant Ranker

View Application--26--Back-up PSAP

Grant Period: 2010

Tier: Broaden or increase the delivery of wireless E-911 equipment or services beyond established minimum functional standards (**BROADEN**)

Grant Program: Enhancement **Grant Type:** Individual PSAP

Priority: Fixed back-up for primary PSAP operational items (**FIXED BACKUP**)

Primary PSAP Applicants: Powhatan County Emergency Services

Jurisdictions Served: Powhatan, County of

Project Director:

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Project Description:

Total Project Cost \$18,000.00

Amount Requested: \$18,000.00

Statement of Need:

The County of Powhatan's 28,000 citizens are served by the Powhatan County PSAP which is located on the lower level of the Powhatan County Courthouse Building. The PSAP handles all call taking and dispatching responsibilities for the Sheriff's Department, Fire Department, Rescue Squad, and Emergency Management Department. The PSAP has 3 fully functional positions in one small room and one supervisory position located in another room. The Powhatan County Courthouse is an "old style" courts facility and therefore largely open to the public. It is also of ordinary construction and not "hardened" against severe weather. These two issues highlight the vulnerability of our existing PSAP to man-made or natural disasters. Powhatan County does not have any type of facility equipped to serve as a back-up PSAP to keep our critical operational equipment functioning should something happen to our primary PSAP. The purpose of this grant application is to seek funding to install critical back-up PSAP equipment at an existing facility 1 mile from the existing PSAP that will allow minimal PSAP operations should we have to abandon our primary facility. The focus of the PSAP Grant awards that Powhatan County received in past years has been to provide or improve the basic levels of service in our PSAP. This grant if awarded will provide the next step by ensuring our PSAP can continue to operate even if our primary facility is not operational. Due to the current financial situation in Powhatan County, this project will not be funded without receiving the requested grant.

Comprehensive Project Description:

Goals & Objectives The Goal of this project is to ensure the health, safety, and welfare of the Citizens of

Powhatan County and the needs of our Emergency Response agencies are met even if our primary PSAP were suddenly not functional. The Objective of this project is to install critical PSAP equipment at an alternate facility to ensure our PSAP can continue to remain functional during a natural or manmade event that affects our primary facility. **Work Plan & Activities** The proposed project is to install and store the equipment necessary to operate a back-up PSAP at the Powhatan Fire Department Company 1; a county owned facility. This facility is located approximately one mile west of the primary PSAP. Specifically we plan to:

- Install 6 telephone lines and telephone equipment at the back-up PSAP. This will allow via Verizon call forwarding our 4 existing direct lines plus two additional administrative lines to be answered at the back-up PSAP. We will then also have the ability via Verizon network assistance to also forward our 911 calls to these lines.
- Install 3 multi-channel control stations at the back-up PSAP to provide communications with our emergency responders. One of these control stations will include a tone encoder for volunteer alerting.
- Purchase and set up three lap top computers, one as server, for use in the back-up PSAP. Basic CAD information; response zones; incident record keeping; emergency contacts; etc. will be kept on each computer.

Implementation Strategy While the need for a back-up PSAP is quite critical, the implementation strategy and work plans are fairly simple:

- Permission to install the equipment at the fire department has already been secured.
- The building is already supplied by an emergency generator.
- The proposed equipment will be installed in new locking cabinets in a storage room.
- The work plan is to purchase and install the cabinets; order and install the telephone and radio equipment; and order and store the computers.

Timeline It is estimated that the project will be completed within 90 days of the grant award.

Sustainability The continuing costs for the project will be minimal and will be funded by Powhatan County. The continuing costs will primarily be the monthly charges for the telephone lines at the back-up facility

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

The equipment that we plan to purchase will be as forward compatible as possible considering the fact the solution we are proposing is a fairly "low tech" solution. The radios being purchased will be P-25 and Narrowband compatible, the computers will be the latest models available, and the telephones will interface with our county government's IP telephone system.

Budget and Budget Narrative:

Budget Back-up Telephones, line installation, and related equipment 2,500 Laptop Computers, server, software, etc. 10,000 Radio Equipment and installation 4,500 Storage Cabinet and facility work 1,000 Total \$18,000

Budget Narrative This project is to provide the equipment necessary to operate a back-up PSAP at the Powhatan Fire Department Company 1. Specifically the:

- Telephones and related equipment will provide 6 direct lines that all emergency and 911 calls can be forwarded to if they are unable to be answered at the Primary PSAP.
- 3 Lap Top Computers with basic CAD, GIS Maps, Incident Recordkeeping, and contact information to assist the communications officers in dispatching and recording calls at the back-up PSAP.
- 3 Public Safety Radio System Control Stations will provide back-up communications with the Fire, EMS, and Sheriff's Departments. One of the control stations will be equipped with a tone encoder to alert our Volunteer Fire and EMS staff.
- All equipment will be stored in a locked cabinet in an existing storage room beside the fire station training room. When needed, the pre-wired and pre-connected equipment will be taken out of the cabinet and placed on a table in the training room. All costs are based upon August 1, 2009 estimates provided by our County's telephone and radio system vendors and by our County's IT and Facilities Management staffs.

Evaluation:

Evaluation Powhatan County Purchasing Procedures require that any equipment purchased must be fully installed and operating properly and specified warranties are in place prior to acceptance payment. Each component will be thoroughly tested prior to acceptance. An overall successful evaluation will be achieved when the project is finished and the back-up PSAP is ready to operate with little or no disruption in service to our citizens or emergency responders.

Attachments