

PSAP Grant Program Grant Ranker

View Application--94--Individual PSAP Grant Application

Grant Period: 2009

Tier: Replacement of technically outdated wireless E-911 equipment or service to enable primary PSAP to maintain current service levels to the general public (**TECHNICALLY OUTDATED**)

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

Priority: Parcel mapping (**PARCEL**)

Primary PSAP Applicants: New Kent County

Jurisdictions Served: New Kent

Project Director:

Karen Johnson
E911 Coordinator
12001 Courthouse Circle P.O. Box 186 New Kent, VA 23124
804-966-9500 (phone)
804-966-5050 (fax)
kbjohnson@co.newkent.state.va.us

Project Description:

In an effort to improve the safety of its citizens, New Kent County seeks to replace the aging hardware for the Dispatch Center's E-911 Eagle mapping system consisting of four stations and one server. In addition, New Kent County seeks to add another Eagle station to increase the total from four stations to five.

Total Project Cost \$22,035.00

Amount Requested: \$17,628.00

Matching Funds: \$4,407.00

Additional Local Funds: \$0.00

Statement of Need:

The New Kent County Public Answering Point (PSAP) is located within and is operated and managed by the New Kent County Sheriff's Office. The PSAP site/communications center is an integral part of the Sheriff's office. This center serves as the PSAP for the County of New Kent to include more than forty-two miles of interstate highway, I-64, which bi-sects the county, two interstate rest areas, primary State Routes 30, 33, 60, 155, 249 and 273, with an approximate total of 518 miles of centerlines and nearly 9000 addresses. New Kent County is one of the fastest growing counties in the Commonwealth of Virginia and is experiencing a residential housing development explosion. Currently there are several large-scale subdivisions under construction, many including 100-350 homes. The county planning department predicts an additional 8,000 homes to be built over the next five years. In addition to the residential growth there has been an upswing in commercial and retail construction growth as well. New Kent County is located approximately eighteen miles east of the City of Richmond and sixteen miles west of the City of

Williamsburg, Henrico, Hanover, Charles City, King William and James City Counties and the Town of West Point border the county. The communications center primarily serves all of the county emergency service agencies, to include the following: The New Kent County Sheriff's Office The New Kent Fire and EMS Department The Providence Forge Volunteer Fire and EMS Department –Co. #1 The Quinton Volunteer Fire and EMS Department –Co. #2 The Weir Creek Volunteer Fire and EMS Department –Co. #3 and The Providence Forge Volunteer Rescue Squad The PSAP also serves as a backup PSAP resource for surrounding jurisdictions, such as West Point, King William and Charles City. The communications center currently uses MSAG's Eagle 911 GIS mapping system to assist dispatchers in locating addresses. This system was implemented in 2004. The hardware for this system, four Eagle stations and one server, are approaching the end of their current life cycle. We have already experienced several break downs that have resulted in more than one of the Eagle stations being non-operational for several days. New Eagle stations and a new server would provide more stable and reliable service to the PSAP. An additional Eagle station would provide for an added dispatcher when needed and serve as a back up station as well.

Project Impact:

The project will improve safety for county residents by improving the reliability of the Eagle mapping system.

Consequence of Not Receiving:

The hardware for the Eagle mapping system will not be replaced and therefore will not be as reliable as it needs to be.

Part of Long Term or Strategic Plan?: No

Likelihood of Completion Unfunded?: 0%

Other Available Funding Sources?: No

Percent of Grant Funding Requested To Total Funding Cost?: 80%

Is Project Locally Sustainable?: Yes

Comprehensive Project Description:

Goals and Objectives Replace the existing Eagle Server and Eagle Station Hardware. Install all necessary software Test Deploy

What type of interface or compatibility solution will be used between existing equipment and/or software and that which you intend to purchase?:

The project is just replacing existing hardware due to instability related to age, compatibility issues are already resolved.

What is the overall relationship of your project to your PSAP or locality's established long-range future plans?:

The PSAP uses the Eagle mapping system on a daily bases, this project will help the PSAP achieve its goal of providing the best emergency service to the county's citizens as possible through reliable equipment.

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

The hardware purchased will be powerful enough for any upgrades to the Eagle system that may occur during their expected life cycle.

Budget and Budget Narrative:

The following figures are quotes received from MSAG data consultants and from DELL computers. The first two items are for the hardware, item 3 is the licensing cost for the Eagle software. Item 4 covers the installation of the Eagle software and item 5 provides help support for any problems the system may develop during its use. Description Price 1. 1 Eagle Server \$7500 2. 5 Eagle Stations \$7500 3. Additional Eagle License \$3200 4. Onsite Installation \$2695 5. Support \$1140 Total \$22,035

Ongoing Expenses:

Ongoing expenses will be software maintenance fees funded from county sources.

Evaluation:

The project will have met its goals upon the completion of the installation of all five Eagle stations and the server.

What are the short term, intermediate, and/or long-term outcomes desired for this project?:

The short-term, intermediate, and/or long-term outcomes for this project are to increase public safety by improving the reliability of the Eagle Stations.

What measures will be used to determine outcomes?:

The downtime of the Eagle mapping stations due to repairs will be tracked and compared to the current levels.

How will data be collected and how will evaluations be conducted?:

Data will be collected and evaluations will be conducted by reports.

How will data be presented?:

Data will be presented by reports.

Attachments