

PSAP Grant Program Grant Ranker

View Application--112--PATRICK COUNTY MAPPING

Grant Period: 2010

Tier: Replacement of technically outdated wireless E-911 equipment or service to enable primary PSAP to maintain current service levels to the general public (**TECHNICALLY OUTDATED**)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

Priority: Mapping System (**MAPPING**)

Primary PSAP Applicants: Patrick County

Jurisdictions Served: Patrick, County of

Project Director:

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Project Description:

Total Project Cost \$25,000.00

Amount Requested: \$25,000.00

Statement of Need:

Patrick County is requesting funding to upgrade its existing mapping system with current versions of software and hardware. We are currently using hardware and software that was purchased from microData in 2004. Our current software ALI Trakker and e9GIS which was purchased from microDATA are built on ESRI's MapObjects. In early 2008 ESRI announced a 2008 "End of Life" for their MapObjects. While microDATA will continue to support our current version of software, they are no longer enhancing the product and unable to provide support specific to the underlying ESRI MapObjects. To continue providing our citizens with the best possible emergency services, we must keep up with technology. Due to poor economy and budget constraints, we are unable to fund this project. With the increase in wireless cell phone usage, we must have reliable equipment to process emergency calls for service. It is a challenge for small PSAPs to keep up with new technologies that are expected and demanded by our public. This project will be the first step in developing a more robust GIS system for our county that will provide additional data for our 911 dispatchers to aid in locating wireless callers. If funded, Patrick County will continue to maintain this mapping system.

Comprehensive Project Description:

It is our goal to replace the our mapping system with new hardware and software. In addition to resolving the ESRI MapObjects "End of Life" issue, once installed and configured, xTrakker will allow us to continue

to be able to utilize ESRI Gis data maintained with our x9GIS, including shapefiles and other formats that would not be compatible with ALI Trakker for our GIS data updates. Additional benefits are a much "cleaner" view of the map and much faster map response/refresh rate, both of which will increase response time in dispatching calls for service. This is the first step in upgrading our county's GIS system. Additionally, it is our goal to convert parcel data from paper maps to a digital format and to incorporate this additional data into the mapping sytem to be used by the 911 dispatchers. If this grant request is approved, we will move forward as quickly as possible to complete this project. Patrick County will budget for continued maintenance and conduct daily updates as necessary to aid in locating 911 wireless callers and wireline callers.

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

A mapping system is a vital tool in locating a wireless caller that is in need of emergency services. It is one of the building blocks to help support future technologies. We live in a mobile nation. To have the capability to track a caller as he/she travels our highways is a standard, not a luxury.

Budget and Budget Narrative:

Budgetary quotes are estimated at approximately \$25,000. This will provide microDATA software, 3rd party software, hardware, staging, installation and user training.

Evaluation:

In the 911 dispatch center, seconds save lives. In order to save seconds, dispatchers must have reliable equipment and good information to base their decisions on for appropriate response. The days of telling someone to turn left at the old barn are gone. We must keep up with today's technology and with the current economy that is not always possible. Our project will be evaluated by the lives we save daily and knowing that we have provided the tools for our dispatchers to use to help save those lives.

Attachments