

PSAP Grant Program Grant Ranker

View Application--152--Prince George Next Generation Grant

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: Next Generation 9-1-1 (**NG**)

Primary PSAP Applicants: Prince George County

Jurisdictions Served: Prince George, County of

Project Director:

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Project Description:

Total Project Cost \$375,000.00

Amount Requested: \$150,000.00

Statement of Need:

Prince George County recognizes the age and limitations of the current 9-1-1 infrastructure. The current legacy system does not allow certain functions and capabilities that will be needed for future call delivery. The County desires to be proactive when considering the future needs of 9-1-1. This can be accomplished by implementing an IP solution for call routing and ALI Database Management. This solution will ensure more flexibility and inoperability with request for service and during disaster situations. Delivery of 9-1-1 calls and ALI database management over an IP network will allow faster call set up and quicker response. It will also enable the County to make corrections in a timely manner. Projected growth among the population within the next year will drive the necessity for advanced capabilities for call processing. Every effort will need to be taken to minimize misroutes and missing data records.

Comprehensive Project Description:

The primary goal of this project is to enhance the 9-1-1 services provided to citizens of Prince George County. The County needs to be prepared for future technology and the expectations from the public. A Next Generation IP solution for 9-1-1 Routing and ALI Database Management will expand the current system beyond traditional means. It will provide a managed system that can deliver calls through the legacy system or an IP network beneficial to VoIP, Wireless and numerous forms of data. The plan for this project is to transform an aging system into an effective solution capable of handling future technology.

Prior to implementation, the County will develop a full comprehensive plan to determine the exact steps required for an IP solution. Current operations and procedures will be evaluated to identify how a new solution must work to the betterment of the County's 9-1-1. The IP solution will follow a detailed project plan and will be completed within a 12 month timeframe. A phased approach will be utilized for migration from the current system to an IP solution. The County and selected vendor will work closely with all providers to coordinate this effort.

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

The services purchased through this project will enable Prince George County to implement an IP solution that places emphasis on future Next Generation technology. It will allow the County to be prepared for future technologies as standards are developed.

Budget and Budget Narrative:

Once the grant funding has been awarded, the County will follow local procurement laws to select the best vendor for this project. Preliminary budget pricing has been requested and will factor in required components for 9-1-1 call delivery and ALI database management. The equipment, software, services and proper IP connectivity will be included in a line item report. The following components will determine final pricing for this project based on a thorough evaluation of current operations: Network Design and Configuration Network Connectivity and interconnection with providers Current Telephone Numbers, Providers and ALI Records Managed Network with reporting capabilities

Evaluation:

Once the project is initiated, frequent status reports and/or meetings will be conducted in order to stay on course. During the solution design and architectural stages, a detailed implementation project plan will be developed. Critical milestones will be continuously addressed and risk management plans will be put into place. Thorough performance testing and training will be a crucial part of the evaluation process. Each crucial element of the IP solution will be formally accepted prior to the completion of the project.

Attachments