

PSAP Grant Program Grant Ranker

View Application--102--Botetourt County Mapping Display System

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Tier: Replacement of technically outdated wireless E-911 equipment or service to enable primary PSAP to maintain current service levels to the general public (**TECHNICALLY OUTDATED**)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

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

Primary PSAP Applicants: Botetourt County GIS-Communications

Jurisdictions Served: Botetourt, County of
Buchanan, Town of
Fincastle, Town of
Troutville, Town of

Project Director:

Nicole Manspile
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Project Description:

Total Project Cost \$78,842.00

Amount Requested: \$78,842.00

Statement of Need:

Botetourt County is in need of several upgrades to ensure consistent delivery of 911 services to both residents and visitors to the County. The percentage of wireless calls to our PSAP has risen over the past several years and now constitutes a majority of 911 calls for assistance. One area, which has been identified as needing improvement in recent Emergency Service Strategic planning studies (completed by Botetourt County in 2004 and again in 2008), is the speed in which 911 calls are processed. Having made all policy changes possible, we are striving to update areas in which digital/technical advances can be of significant benefit. One area we have identified where grant assistance would be vitally beneficial is:

- Mapping display / software – The current system is useable but functionality has not been updated in some time and is not interconnected with CAD, causing a slowdown in service. From a fiscal aspect, Botetourt County is not immune to the impact of the economic downturn that all state and local agencies are feeling. Budget cuts across the board leave us with few places to turn when attempting to address critical public safety needs such as the effective processing of wireless 911 calls. If grant funding is not awarded, Botetourt County will not fund this project. As there is no other source of funding, the grant would comprise 100% of the total project cost.

Comprehensive Project Description:

Botetourt County proposes to make significant upgrades in several areas of PSAP operations for the express intent of providing faster and more reliable 911 call processing. This project compliments earlier VITA-funded initiatives including mapping maintenance upgrades, 911 telephone premise equipment replacement, 911 recorder replacement (current year) and radio console replacement (also current year). Upon notification of grant approval from the Commonwealth, Botetourt County will follow all applicable state and local procurement policies as we emplace solutions. We anticipate a phased approach in which each step is completed in a logical order. A goal of spring, 2010 would be set for final project completion. All invoices and project updates as required would be submitted in a timely and organized fashion. The proposed mapping system is software-based, and upgrades should allow us to function indefinitely. Additionally, it has a proven interface capability with our existing CAD system.

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

The specified system will provide nearly unlimited future expansion capabilities. Also, the size and fiscal stability of the vendor company helps to ensure future viability in the public safety marketplace.

Budget and Budget Narrative:

Budget Botetourt County has solicited a quote from the following reputable vendor: GeoComm \$52,041.29 4 years maintenance \$26,800.00 Total \$78,841.29 Total Grant Requested \$78,841.29 Budget Narrative Botetourt County proposes the following solution to the aforementioned issue, via thoughtful application of VITA grant funds: 1. We propose to implement a 3 position mapping display (with supervisor station) system, which will interface with our existing CAD system. In addition, the system will be able to leverage a previously procured mapping maintenance system (implemented in part through Wireless 911 assistance) for updates. We see little need at this time to pay extra for a map maintenance system, which is typically included in a desktop display solution, as our current system can export perfectly useable updates to the dispatcher positions. An itemized cost schedule is attached. Ongoing maintenance (beyond that covered by this grant) will be locally funded.

Evaluation:

Project success will be measured by: successful procurement, installation, testing and deployment of the aforementioned equipment during the 2010 fiscal year. Ongoing success will be measured by a reduction in call processing times, as well as increased citizen service through post-incident geographic trend reports. Given a notice of award prior to or on July 1, 2009, we anticipate the procurement process to be complete within the first quarter of the 2010 fiscal year. Depending on vendor demand and schedule, we expect to have installation, deployment and testing completed by the end of the third

Attachments