

PSAP Grant Program Grant Ranker

View Application--69--updating Mapping Computer and server

Grant Period: 2009

Tier: Strengthen current equipment and service delivery capability by upgrading existing wireless E-911 related equipment or services (**STRENGTHEN**)

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

Priority: Other (**OTHER**)

Primary PSAP Applicants: Mecklenburg County

Jurisdictions Served: Mecklenburg

Project Director:

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Project Description:

Mecklenburg County E911 Center is seeking Wireless Grant Fund to replace twelve computers, two laptops, seventeen monitors (22"), twelve APC backups, digital imaging system and a mapping server. Mapping Computers Mapping Monitors Dispatch 4 4 GIS office 1 1 TOTAL 5 5 5 Digital Imaging System Mapping - 1 APC Backups 5 MAPPING SERVER 1 CAD Computer CAD monitors Dispatch 4 8 training station 1 2 TOTAL 5 10 CAD Adim. Computers 2 2 Adm. Laptops 2 2 Backups 7

Total Project Cost \$49,373.00

Amount Requested: \$39,498.40

Matching Funds: \$9,874.60

Additional Local Funds:

Statement of Need:

Mecklenburg County covers 624 sq. miles and 34,000 citizen and is a rural area located in southern Virginia bordering the State of North Carolina. We are the primary PSAP for Mecklenburg County. Providing nine fire departments, four rescue squads and seven law enforcement agencies with emergency services. (South Hill, Clarksville, Chase City, Boydton, Lacrosse, Mecklenburg Sheriffs and Virginia State Police) Two major Lakes surround our County which increases our population tremendously in the summer months. Our County serves fifteen miles of Interstate 85 North to South, US Highway 47 US and Highway 1. Also including Highway 58, a four lane highway, links east and west. These major highways create multiple wireless calls. To continue providing our citizens with the best possible emergency services we must keep up with technology. In the ever-emerging technology world we still need the opportunity to compete with the

metropolitan areas. The County does not have the quantity of people, but the quality of people remain the same. Tasking all of us with the responsibility of "Protection of Life and Property". Mecklenburg County is seeking Wireless Grants Funds to improve and replace our hardware that has four or more years of service. The County does not have the quantity of people paying into the State surcharge or volume of calls to enable this area to keep up with very expensive technologies. The monies received will be divided into two separate projects.

Project Impact:

The impact that could occur on the operational services would be dispatch not being able to locate a wireless or wireline caller in an emergency. Prolonging any emergency services response to a location or incident is something an E911 Center does not want to explain to anyone in the service area of our County and surrounding Counties. Any delayed or lost information entered into the CAD due to aging hardware is lost time when seconds are important..

Consequence of Not Receiving:

Not receiving these funds will increase our liability to the citizens of Mecklenburg County and surrounding areas. Not being able to keep up with the technologies that the population expects and needs.

Part of Long Term or Strategic Plan?: Yes

Likelihood of Completion Unfunded?: 10%

Other Available Funding Sources?: No

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

Is Project Locally Sustainable?: Yes

Comprehensive Project Description:

Replacing these computers and server will provide us with equipment that will support any future technologies for our PSAP and support technologies for programs presented to us from the Virginia State Wireless Board. To continue with any plans, the equipment that is utilized by the dispatch Center will need to be updated. The citizens of Mecklenburg County continue to purchase advancing technologies offered each day to them by wireless provider, Mecklenburg County E911 Center should be able to keep up with the community. Keeping in mind that the surrounding counties and the State of North Carolina, to our South, are striving for interoperability between all these areas. TIMELINE Activities Submit Grant Jan-08 Expect Grant Notification Jul-08 Order Hardware Sep-08 Install Nov-08

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

This grant application does not include any new software that needs to be interfaced with any existing equipment. The existing interface will provide us with any between equipment.

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

Our long-range plans and future plans are to continue to upgrade and update all of our equipment with a continuing plan to keep up with the increasing technology.

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

The hardware will provide us with continuous support in receiving and transferring information to our surrounding counties. It will provide us with the continued ability to supply incident reports to law enforcement and emergency services. The readiness of our PSAP hinges on our ability to take new technologies and have hardware that is ready to receive these applications.

Budget and Budget Narrative:

The daily operation of our Center is hindered by the lack of funding to maintain any technological advances. This grant funding will relieve most of the burden of hardware upgrades and replacement. MAPPING SERVER 1 \$11,650.00 TOTAL \$11,650.00 Mapping Computers Mapping Monitors Cost Dispatch 4 4 \$7,596.00 GIS office 1 1 \$1,899.00 TOTAL 5 5 \$9,495.00 Digital Imaging System Mapping \$9,300.00 Backups 5 mapping 450.00 Server & Computer Total \$30,895.00 CAD Computer CAD monitors Cost Dispatch 4 8 \$8,792.00 training station 1 2 \$2,198.00 TOTAL 5 10 \$10,990.00 CAD Adim. Computers 2 2

\$3,522.00 Adm. Laptops 2 2 \$3,336.00 Backups 7 CAD \$630.00 CAD/monitorBackup Items Total
\$18,478.00 Projects Grand Total \$49,373.00

Ongoing Expenses:

The only ongoing expenses will be a maintenance contract for the hardware. This incorporated into of budget for long range funding.

Evaluation:

The two projects shown in our funding application does have a direct relationship with E911 Wireless applications. Our dependence on the application have been a tremendous tools in the everyday operation of the Center. The County does not have the quantity of people paying into the State surcharge of \$.75 to enable this area to keep up with all the very expensive technologies. We may not have quantity of people, but quality of people remains the same whether you are in the rural area or the metropolitan areas. Funding from this grant program is vital to our community.

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

That the citizen of our County and individuals traveling on the highways will receive the best emergency assist that we can provide.

What measures will be used to determine outcomes?:

Just continued excellent protection of life and property.

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

n/a

How will data be presented?:

n/a

Attachments