

PSAP Grant Program Grant Ranker

View Application--41--Middlesex County

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: Parcel mapping (**PARCEL**)

Primary PSAP Applicants: Middlesex County

Jurisdictions Served: Town of Urbana
Middlesex

Project Director:

Glenn A. Nix
E911 Coordinator
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Project Description:

1. Replacement of the aging Cad Server and two workstations, so that we may continue to provide uninterrupted service to our county residents. 2. Replacement of the current large format printer, a HP Designjet 1055c is no longer supported. We would be purchasing a newer large format printer for GIS mapping. 3. Obtain a new GPS data gathering system so that we may be able to provide more accurate locations of E911 addresses, thus moving away from the outdated manual wheel method. 4. Obtaining one year Maintenance Contract for OfficeGIS E911 addressing software.

Total Project Cost \$32,300.00

Amount Requested: \$25,840.00

Matching Funds: \$6,460.00

Additional Local Funds:

Statement of Need:

We are requesting funding from the Virginia Wireless Services Board (WSB) under the Wireless E-911 Enhancement Program to fund equipment upgrades to improve our Computer Aided Dispatch capability, and provide a higher degree of accuracy of information to aid in rural emergency response. In keeping with Middlesex County's desire to provide its citizens and visitors with adequate emergency services, we have continued to upgrade our E-911 department to accommodate increased demand. Our successful implementation of E-911, with the assistance of the WSB, greatly improved our ability to provide these services. We respectfully request the grant funding for the project described herein to help us to continue our success into the future.

Project Impact:

By Upgrading our current CAD server and workstations we will be able to provide uninterrupted service way into the future. By Purchasing a new GPS mapping system we will be able to provide a higher degree of accuracy for our emergency service teams. The current large format printer, a HP Designjet 1055c is no longer supported by the vendor. We would be purchasing a newer large format printer for GIS mapping.

Consequence of Not Receiving:

Middlesex County's desire to provide its citizens and visitors with a higher degree of emergency services and zero downtime of its CAD server and workstations could be put in jeopardy. Since the large format printer is no longer supported by the vendor parcel mapping could come to a halt due to equipment outages.

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:

1. Replacement of the aging Cad Server and two workstations and then using the old equipment as ready backups. 2. Replacement of the current large format printer that is no longer supported. 3. Obtain a new GPS data gathering system for Address and RCL Data collection. 4. Obtaining one year Maintenance Contract for OfficeGIS E911 addressing software.

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

Existing CAD equipment will be used as ready spare equipment to minimize downtime in case of equipment failure. Existing large format printer will be traded in on new large format printer thus aiding in the cost reduction of this piece of equipment.

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

These equipment upgrades will help strengthen and enhance the E911 system above the bare minimum.

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

The purchasing new CAD servers and workstations will provide us with cutting-edge technology and allow us to adapt to future E911 PSAP goals and readiness.

Budget and Budget Narrative:

We anticipate this project will cost a total of \$32,300. We are requesting grant funding of 80%, \$ 25,840. We will match the grant funding at 20%, \$ 6,460. Item cost CAD server \$5,000 Two CAD Workstations \$6,000 Designjet 4500 \$16,000 Trimble Recon GPS XC edition \$2,000 1yr Maintenance contract OffiGIS \$3,300

Ongoing Expenses:

none

Evaluation:

Middlesex County will set a defined scope of service, schedule, and fee based upon the project goals and objectives.

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

Short-term: Reduced equipment maintenance cost and downtime and a higher degree of accuracy of its RCL and addressing data collection methods and practices. Intermediate: Giving rescue squads the capability to find and locate rural emergencies through a higher degree of accuracy of its data and equipment uptime. Long Term: Providing its citizens and visitors with up to date and highly accurate emergency services, thus ensuring success for years to come into the future.

What measures will be used to determine outcomes?:

The project will be managed by a monthly evaluation of the effort complete on the individual project tasks.

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

The project fee will be apportioned to the individual project tasks and payment will be made to the vendor based upon approved effort complete.

How will data be presented?:

Vendor quotes and Payments

Attachments

Middlesex Grant Application fy09.doc
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Middlesex County, Virginia

Wireless E-911 Enhancement Program
Grant Application

Submitted by

Glenn A. Nix
E911 Coordinator
And

Charles M. Culley, Jr.
Middlesex County Administrator

January 2, 2008

Middlesex County, Virginia
Wireless E-911 Enhancement Program
Grant Proposal

Statement of Need

Each funding request must include a statement that describes the need that the project is attempting to address and the project's relationship to the current funding priorities, including evidence of any financial need.

Need Description

We are requesting funding from the Virginia Wireless Services Board (WSB) under the Wireless E-911 Enhancement Program to fund equipment upgrades to improve our Computer Aided Dispatch capability, and provide a higher degree of accuracy of information to aid in rural emergency response.

In keeping with Middlesex County's desire to provide its citizens and visitors with adequate emergency services, we have continued to upgrade our E-911 department to accommodate increased demand. Our successful implementation of E-911, with the assistance of the WSB, greatly improved our ability to provide these services. We respectfully request the grant funding for the project described herein to help us to continue our success into the future.

Funding Priority Relationship

The following is a list of the current funding priorities:

- 1. Replacement of Computer Aided Dispatch server and two workstations.*
- 2. Replacement of existing large format printer*
- 3. GPS Mapping system*
- 4. 1yr OfficeGIS maintenance Contract*

Project Description

This description should outline goals and objectives, provide an implementation strategy and work plan, list the activities to be accomplished, include a timeline, and identify the longevity or sustainability of the project.

Goals and Objectives

1. Replace current CAD server and two workstations.
2. Replace the current large format printer; The HP Designjet 1055c is no longer supported. We would be purchasing a newer large format printer for GIS mapping.
3. Purchase new GPS mapping system.
4. Obtain one year OfficeGIS maintenance agreement

Middlesex County, Virginia
Wireless E-911 Enhancement Program
Grant Proposal

Based on the proposed work plan we anticipate this project will begin mid-July 2008 and be complete June 2009, at which time, we will commence a data maintenance process to ensure the data remains complete, timely and accurate.

Budget

Each funding request must include a budget for the total amount requested that lists the planned expenditures to be made with grant funds, including any required matching funds. If cost proposals have been received from a vendor it is acceptable to include this documentation as a budget.

We anticipate this project will cost a total of \$32,300.
We are requesting grant funding of 80%, \$ 25,840.
We will match the grant funding at 20%, \$ 6,460.

Budget Narrative

In addition to completing a budget, applicants must provide a corresponding narrative that briefly explains the reasons for each requested budget item and provides the basis for its cost.

The total budget request is comprised of the following items:

Item	Cost
CAD Server	\$5,000
Two CAD workstations	\$6,000
HP Designjet 4500	\$16,000
Trimble Recon GPS XC mapping sys	\$1,500
ESRI Arcpad software	\$ 500
One year OfficeGiS maintenance	\$3,300
Total Project Cost	\$32,300

CAD server replacement

Replace the aging Cad Server and two workstations, so that we may continue to provide uninterrupted service to our county residents and visitors.

HP Designjet 4500

Large format printer for GIS

Middlesex County, Virginia
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Trimble Recon GPS XC edition with arcpad

Gps Mapping System with ESRI software.

OfficeGIS

One year Maintenance contract for OfficeGIS.

Evaluation

Each proposal must include an evaluation plan that lists the performance measures to be used in determining whether or not a primary PSAP's project has successfully met the goals and objectives of each programmatic area.

Middlesex County will set a defined scope of service, schedule, and fee based upon the project goals and objectives defined above. The project will be managed by a monthly evaluation of the effort complete on the individual project tasks. The project fee will be apportioned to the individual project tasks and payment will be made to the vendor based upon approved effort complete.

Middlesex County, Virginia
Wireless E-911 Enhancement Program
Grant Proposal

Middlesex County Contact Information

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