

PSAP Grant Program Grant Ranker

View Application--100--PSAP GRANT PROGRAM-GIS

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: Danville Emergency Services

Jurisdictions Served: Danville

Project Director:

Douglas Young

Director

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Project Description:

The City's enterprise GIS has been in place for a number of years, and some data sets are incomplete, inaccurate, and/or unavailable. This project would review, correct, and expand the information being accessed by Emergency Services Dept. and would provide additional, detailed sources of information such as places, names and address points. Emergency Svc will assign or hire a temp position to assist with this very important project. This grant request will give that position the tools needed to accomplish this.

Total Project Cost \$18,130.00

Amount Requested: \$14,504.00

Matching Funds: \$3,626.00

Additional Local Funds:

Statement of Need:

To expand and improve the existing enterprise data set, with particular attention to the layers assisting in 911 effectiveness as detailed below. Time and resources are already stretched.

Project Impact:

Tremendous benefit in having accurate, comprehensive information to locate and identify callers. This proposed project cannot be funded by local resources due to the significant expenses of the proposed project and the extreme decline in our local economy, which has caused a drop in any expansion of funding. The local economy has been based on textile, manufacturing and tobacco, which has dwindled significantly causing difficulty from it's demise. The local economy has received significant attention and has

not seen any improvements for the next budget year. There has been a 12+ percent decline in private industry jobs. Currently the unemployment rate for the city is second highest in the state. Operational costs for our department has increased by 12% while funding remains relatively the same.

Consequence of Not Receiving:

Data that needs review, collection and update will continue to wait indefinitely.

Part of Long Term or Strategic Plan?: Yes

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:

911 is working with IT to provide a person to expand and improve the existing interprise data set. 1. Road centerlines a. Review and correct existing centerlines (geo- database edits). b. Identify road types (not currently available), especially with regard to secondary, private, dirt, and off-road. c. Locate inconsistencies and errors in naming conventions. d. Propose an action list for future phase of name corrections. 2. Building points a. Identify adjacent but separate building units b. Expand the existing building layer attributes to include additional information, possibly address and place name from directories or MSAG 3. Address points a. Validate and correct existing parcel and business addresses against updated centerline data (see item 1). b. Assist with development and creation of new address point base layer from parcels and businesses.

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

The equipment and software would correspond to that already in use in other departments within the City but which is not available for maintaining data layers critical to 911 Center.

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

Though an on-going, ever-changing project, these objectives are critical to the effectiveness and sustainability of the PSAP.

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

Software and equipment requested are industry standards and will easily support future versions of software indefinitely.

Budget and Budget Narrative:

The following items would be used by the person hired to provide GIS services to EOC. (desk) Office workstation, etc \$ 3,000 Desktop software \$ 850 ESRI stand-alone license \$ 1,200 Laser printer color \$ 500 Training for arcGIS \$ 2,450 (field) GPS unit map-grade \$ 4,500 arcPad for edits \$ 430 Ruggedized laptop \$ 5,000 NetMotion network access \$ 200 ---- Total \$ 17,700

Ongoing Expenses:

These funds will come from general budget.

Evaluation:

This request will be deemed successful and completed when all software has been completed and GIS equipment is purchased, installed and working correctly.

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

To gradually expand and improve the availability and accuracy of information.

What measures will be used to determine outcomes?:

The input from field units of the accuracy to the response of the call.

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

The data will be collected by vendors /suppliers, consultants and utility department. This system will help make our current outdated information more accurate and up to date.

How will data be presented?:

The information will be available to dispatchers via their existing GIS/CAD application.

Attachments