

PSAP Grant Program Grant Ranker

View Application--153--Address Revalidation

Grant Period: 2010

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

Grant Program: Continuity and Consolidation **Grant Type:** Individual PSAP

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

Primary PSAP Applicants: Tazewell County

Jurisdictions Served: Bluefield, Town of
Cedar Bluff, Town of
Pocahontas, Town of
Richlands, Town of
Tazewell, Town of

Project Director:

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Project Description:

Total Project Cost \$367,100.00

Amount Requested: \$367,100.00

Statement of Need:

Tazewell County Emergency Communications/9-1-1 Center is the primary PSAP that serves the county and five (5) towns and also has the responsibility of providing and maintaining 9-1-1 addresses county wide. It goes without saying that the absolute need for accurate GIS/mapping data is essential for adequate response to emergency calls for service. This Address Re-validation project would be county-wide and includes the five (5) towns that were not inclusive in the county's original mapping/GIS project. Approximately eleven (11) years ago, the towns did not see the need for a standardized addressing/GIS project and advised they could not finance such a project. While the view of the towns has changed reference the need, the financial situation remains the same which therefore passes along this hardship to the county. The county has very limited resources with just one person, the 9-1-1 Addressing Coordinator, to handle all addressing requests and little to no time for fieldwork. Tazewell County has considered a phased approach to this need for an updated, all inclusive, standardized and county-wide GIS/mapping program but time is of the essence. We have come to the realization that the only way to reach the threshold required for the telco addressing match rate to accurately be considered Enhanced 9-1-1 is by outsourcing to a vendor specializing in accurate and expedience delivery of product. Recently, a neighboring jurisdiction having the same difficulty with limited staff and resources acquired the services of an addressing vendor to provide revalidation services and achieved monumental success.

Comprehensive Project Description:

The Project Description at a minimum requires the re-validation of the address point layer which includes all habitable structures within the county and includes municipalities/towns and the editing and maintenance of the overall GIS data itself. More specifically, the project will consist of address re-validation and fieldwork, GIS data layer updates, quality assurance/quality control, standard operating procedures development and training. This project most importantly begins with and requires a visit to each and every structure to verify the address is correct and the resident is using the correct address. A preliminary analysis reveals the GIS data itself needs tremendous editing and maintenance within the towns and between the towns and the county boundaries; numerous road segments that have considerable issues, unbroken intersections, road segments cross town boundaries and are not broken, gaps and overlaps where boundaries do touch and MSAG geocode issues.

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

The project will be maintained and supported by tools and knowledge (training) supplied with the address re-validation grant. Coupling this with the SOP criterion, will allow county personnel to update addressing/GIS data on a daily basis without trying to play catch-up which we have not been able to do in two (2) years.

Budget and Budget Narrative:

GIS Data Updates •Road Centerline Layer •ESZ (N) Layer •Community Boundary Layer •Zip Code Boundary Layer \$23,270 Fieldwork Preparation \$3,835 Field Collection/Verification Rural Tazewell County \$222,439 Field Collection/Verification Municipalities in Tazewell County \$69,645 SOP Development and Training \$14,340 Project Management \$33,557 Total Cost: \$367,086

Evaluation:

GIS data/mapping and Telco addressing match rate is accurate and Center is verified Enhanced 9-1-1. Also, county personnel able to update addressing/GIS data on a daily basis.

Attachments