

PSAP Grant Program Grant Ranker

View Application--178--CPE Replacement

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Tier: Replacement of technically outdated wireless E-911 equipment or service to enable primary PSAP to maintain current service levels to the general public (**TECHNICALLY OUTDATED**)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

Priority: CPE (CPE)

Primary PSAP Applicants: Newport News Police Communications

Jurisdictions Served: Newport News, City of

Project Director:

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Project Description:

Total Project Cost \$1,700,000.00

Amount Requested: \$1,700,000.00

Statement of Need:

The City's current analog E911 telephone system has exceeded its life expectancy, is in an escalating state of disrepair while replacement parts are increasingly difficult to obtain, and non-vendor support for the MAARS system is expected to be declared in the reasonably near future. While the City has replacement of the E911 telephone system in its Capital Improvement Project (CIP) budget, as a bundled project with replacement of the logging recorder and 911 Center console furniture, anticipated budget shortfalls have caused the City to temporarily freeze the CIP and all projects are in danger of being delayed and/or dropped. External funding of all, or a sizeable portion, of the CPE replacement would allow the City to move forward with replacement of the antiquated equipment and thereby continue rapid and reliable access to 911 for its citizens. Likewise, known availability of grant funding for this project will increase the likelihood that this project will move forward in the CIP.

Comprehensive Project Description:

The City has established the goal of implementing a best-of-breed, IP based, or digital IP capable, fault-tolerant E911 telephone system at its 18 seat primary PSAP with a same, or similar, system at its 12 seat Alternate Dispatch Site. The RFP for the project is its final draft stages and will be followed by on-site demonstrations, interviews, and walk-throughs after which vendors will be tasked with designing and presenting the best of their available system(s) to include implementation plans and timelines. Based on the current CIP outlook, the City desires to purchase and install the new CPE beginning first quarter FY10.

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

The proposed CPE replacement will not only provide the City with a more reliable and redundant 911 system, and allow the City to realize the benefits of currently available, and needed, technology such as an automatic call distribution system and enhanced management reports, but will also afford the City the opportunity to position itself in a state of readiness to respond to next generation (NG) 911 technologies as they unfold.

Budget and Budget Narrative:

Because the City has not yet received cost quotes from vendors, a budgetary cost analysis is being used in the interim. The interim budget is attached and the actual cost quote from the chosen vendor would be anticipated in 4th quarter FY09.

Evaluation:

The project will be deemed complete and successful when the City has implemented a cost effective, technologically current, reliable and redundant E911 system which also prepares the City for rapidly developing NG911 technology. The City has developed an evaluation committee consisting of the Information Technology Telecommunications Manager, Police Department 911 Manager, 911 Supervisor, 911 Senior Dispatcher, 2 911 Dispatcher II's, 911 Dispatcher I, Information Technology CAD System Administrator and Radio Shop Manager to evaluate and make recommendations on system design, development and implementation. This committee will also be responsible for evaluating the installed system.

Attachments

911TelephoneBudget.xlsx

Budgetary Figures for CPE for Telephone System Project

Digital, Ip Capable, PC based CPE & install for main dispatch site	800000
Nortel CS 1000 PBX switch	275000
Removal and disposal of left over cabling to accommodate new system	200000
Similar or same telephone system for Alternate Site	425000

TOTAL 1700000