

PSAP Grant Program Grant Ranker

View Application--86--Martinsville-Henry County 911 Time Synch

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Tier: Replacement of technically outdated wireless E-911 equipment or service to enable primary PSAP to maintain current service levels to the general public (**TECHNICALLY OUTDATED**)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:** Regional Initiative

Priority: Time Synchronization (**TIME SYNCH**)

Primary PSAP Applicants: Martinsville - Henry County 9-1-1

Jurisdictions Served: Henry, County of
Martinsville, City of

Project Director:

JR Powell
Operations Supervisor
3300 Kings Mountain Rd., P.O. Box 7, Collinsville, VA 24078
276-632-7677 (phone)
276-638-1394 (fax)
vpowell@co.henry.va.us

Project Description:

Total Project Cost \$9,500.00

Amount Requested: \$9,500.00

Statement of Need:

The Martinsville-Henry County 911 Center has utilized a time synchronization solution from Spectracom Corp. for over 9 years. Our current solution, the 8183 Netclock/GPS Master Clock, has been discontinued from Spectracom and is considered "retired" within their scope of other products. This aging system, that has been reliable for many years, is in need of repair/replacement to continue our sense of readiness and to maintain our time accuracy in the logging of wireless 911 calls as well as other 911 Center operations. Regarding our financial need, I believe it is well understood across the state that the City of Martinsville and the County of Henry have been drastically affected by the closures of many industries within our jurisdictions. Both localities are at or near the top for unemployment in Virginia. Neither the City of Martinsville or the County of Henry have financial resources to fund the replacement of our outdated time synchronization solution. If these funds are not awarded for this project, our PSAP will be faced with trying to maintain a time synchronization solution that is no longer vendor supported and could go down permanently at any time without the possibility of repair. Without this solution in place, our PSAP is faced with no "legally traceable" time accuracy solution which puts both the City of Martinsville and the County of Henry in a liability situation.

Comprehensive Project Description:

The goal of this project is to replace a time synchronization solution currently in place from Spectracom

Corporation that is no longer vendor supported and has been in service for over 9 years. This project will allow the Martinsville-Henry County 911 Center to install a time synchronization solution that provides legally traceable time and meets NENA PSAP Master Clock Standard #04-002. This solution will provide time accuracy to a variety of PSAP equipment such as 911 mapping, logs of incoming wireless and wireline 911 calls, CAD, etc. The timeline for this project will begin immediately following the availability of funds from this grant program. Our PSAP will work diligently towards finding the proper time synchronization solution that best fits the needs of our PSAP.

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

The Spectracom solution that is proposed for this project will provide time synchronization to a wide array of hardware equipment and is designed with future expansion in mind without the need to purchase additional hardware/software from Spectracom to accomplish such.

Budget and Budget Narrative:

Itemized Cost Schedule \$8,014.00 - Purchase NetClock/GPS Master Clock Solution. This solution will guaranty 30 days of hold over if the GPS signal is lost. The solution will provide an outdoor GPS antenna along with the proper cabling for attachment of such. \$1,486.00 - Expenses to run GPS antenna cabling to roof of PSAP, installation, etc. Total Requested - \$9,500.00

Evaluation:

This time synchronization solution will be installed by PSAP/County personnel. The project will be evaluated and measured for achievement by PSAP Management. This will be accomplished when PSAP equipment, that is physically connected to the time synchronization solution, displays time that is in synch with not only the master clock but also other PSAP equipment attached to the same master clock.

Attachments