

## PSAP Grant Program Grant Ranker

# View Application--176--Charles City Radio Upgrade

**Grant Period:** 2010

**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:** Radio consoles (**CONSOLES**)

**Primary PSAP Applicants:** Charles City County

**Jurisdictions Served:** Charles City, County of

### Project Director:

Thalia S. Bell

Secretary

10780 Courthouse Rd P. O. Box 87 Charles City, VA 23030

804-652-2326 (phone)

804-829-2514 (fax)

tsbell@co.charles-city.va.us

### Project Description:

**Total Project Cost** \$54,000.00

**Amount Requested:** \$54,000.00

### Statement of Need:

Charles City County is seeking individual funding assistance from the Wireless Grant Program in order to upgrade and improve its existing radio equipment and work area. The current Zetron consoles were and upgrade when purchased by the county in 2002 however when purchased they were not the most modern version. In addition the PSAP of Charles City County is very small in size and has an extremely limited budget. For this reason the county is unable to provide funding for a project of this capacity. The county has reduced the current annual budget by a fairly large amount and proposes next year's budget will be downsized greatly as well. Along with the upgrade of the two position radio consoles from the Zetron to the Motorola MIP 5000, the vendor Commtronics will make modifications to the dispatch work areas in order to accommodate new radio consoles and existing phone, and mapping equipment. Current work areas will not be able to sustain the additional equipment along with additional wiring associated with console upgrades.

### Comprehensive Project Description:

Goals and Objectives The primary goals of this project are: Enhance working conditions by upgrading radio consoles that were the latest radio equipment at time of purchase in 2002 and improving radio communications between communications officers and emergency services personnel Improve response time between field personnel and communications officers by interfacing radio and phones systems while improving work areas in communications office Increase interoperability between Charles City County and

surrounding agencies through the interface of ComLink and Stars Implementation Strategy The project will focus on the implementation of the radio consoles and revised work areas. Commtronics states the scheduled work will take approximately two days to complete with virtually no down time in between. The process will consist of converting one radio console at a time over to the new system while still allowing second station to perform necessary radio operations. Timeline Task Start End Acceptance of grant from County BOS 07/28/09 07/28/09 Notify Commtronics of BOS decision 07/29/09 07/29/09 Request funds to be drawn Down by Wireless Board 08/03/09 08/14/09 Begin Process of conversion Of first radio console 08/17/09 08/17/09 Begin conversion of second Radio console 08/18/09 08/18/09 Make sure all components Are working properly 08/19/09 08/19/09 Project completion 08/20/09 08/20/09

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

Obtaining new radio consoles will assist in preparing Charles City County for the Next Generation 911 and enhance communications between Charles City County and neighboring localities.

**Budget and Budget Narrative:**

Itemized cost schedule attached on vendor prepared quote. Item 1: Two Motorola MIP 5000 consoles will replace outdated Zetron radio consoles Item 2: Three year maintenance service contract included as a reduced cost when purchased with initial instillation Item3: Two headsets for two workstations that will serve a dual role for performance with radio as well as telephone console Item 4: Workstation modifications to accommodate new radio consoles as well as existing telephone and mapping equipment. It will also allow better performance when answering calls and radio traffic Item 5: Monitors will be used to condense existing telephone equipment Item 6: Instillation, assembly and programming for associated with project

**Evaluation:**

Determination of projects success will be based on meeting project timelines and successful conversation and utilization of new radio consoles.

**Attachments**

<a href="#">charles city dispatch quote.doc</a>
---

Charles City Sheriff's Department  
Dispatch Project Budgetary Quote  
October 3, 2008

Equipment List:

1. 2 each Motorola MIP 5000 console positions, that include 7 each Gateway modems, cabling, 2 each desktop workstations with 17" LCD monitors, footswitches, speakers, and gooseneck microphones.  
Price..... \$21,326.00
2. Optional 3 year maintenance agreement with annual service checkup  
Price.....\$5,328.00
3. 2 each Headset jacks with telephone interface, headsets and cables  
Price.....\$1586.00
4. 2 position dispatch furniture per specs supplied by Jason Crawley as shown on attached drawing  
Price.....\$14,620.00
5. 2 each 26" video monitors with wall mount kit  
Price.....\$2287.90
6. Installation, assembly, and programming  
Price.....\$8640.00

Total cost of project.....\$53,787.90

Wes Caudill  
Commtronics of Virginia