

PSAP Grant Program Grant Ranker

View Application--56--Back Up Center Upgrades

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: Fixed back-up for primary PSAP operational items (**FIXED BACKUP**)

Primary PSAP Applicants: Chesterfield County ECC

Jurisdictions Served: Chesterfield, County of

Project Director:

George Thomas
Operations Support Manager
P.O. Box 40, 6610 Public Safety Way, Chesterfield, VA 23832
804-751-2246 (phone)
804-717-6610 (fax)
thomasgk@chesterfield.gov

Project Description:

Total Project Cost \$85,222.00

Amount Requested: \$85,222.00

Statement of Need:

Chesterfield Emergency Communications has established a Back Up Center for its PSAP operations in an upper room at Fire Station 15. The County has and continues to fund considerable costs to maintain this facility to include installing PCs w/ some CAD applications and functional radio op positions. In order for this Back Up Center to adequately serve our citizens in case of a longer than 1-2 hour activation, significant improvements and upgrades are required that no current funding exists for. This would strengthen our ability to continue to respond to E-911 calls and well within the grant guidelines as fixed back ups are an identified project for funding.

Comprehensive Project Description:

The overall goal of this project is to provide equipment and functionality that would allow our Back Up Center to function more on the same level as current ECC, providing the same CAD functionality and adequate level of redundancy in equipment to carry out core functions. This project involves software license and equipment acquisitions, however, the products and services are readily available and we anticipate being able to acquire and install all software and equipment within 12 months from grant award.

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

This project will ensure PSAP readiness for future technologies by more closely replicating functionality at

our primary PSAP, to include CAD Mapping (Motorola ATM) licensing at Back Up positions. As the Back Up Center doubles as a training lab, this will allow us to familiarize our personnel through training on mapping functionality, to include review of plotting latitude and longitude.

Budget and Budget Narrative:

An itemized breakdown of costs are attached which list all software and equipment requested, to include cost and reason required.

Evaluation:

As software and equipment are installed, they will be tested for functionality. This will include testing of each individual piece of equipment and already established ongoing once a week check of functionality of equipment at Back Up Center by the ECC Automation Analyst.

Attachments

Chesterfield FY10 PSAP Grant app BUC itemized budget.xls
Chet FY10 PSAP Grant attachment.pdf
TDD TTY Machine.pdf

Grant Title	Back Up Center Upgrades	
Grant Fiscal Year (July 1 - June 30)	2010	

Budget and Budget Narrative ATTACHMENT

Budget and Budget Narrative	An itemized breakdown of costs are attached which list all software and equipment requested, to include cost and reason required.
-----------------------------	---

Item	Cost (per)	Total Cost	Reason Required	Cost Derivation
Motorola Advanced Tactical Mapping (ATM) Software Licenses (15)	\$ 1,947.00	\$ 29,205.00	CAD Mapping licenses are necessary to have Back Up Center mirror capabilities of ECC workstations	Motorola Public Safety Applications Division
Motorola Premier CAD, Advanced Workstation for Windows (AWW) and ATM combined license (1)	\$ 2,655.00	\$ 2,655.00	Computer Position with phone capabilities, but no CAD or Mapping applications installed. Would allow display of CAD related Mapping on large screen via already installed LCD projector	Motorola Public Safety Applications Division
Records Management System (RMS) access - Neon Client licenses (15)	\$ 150.00	\$ 2,250.00	Neon Client licensing is necessary to have Back Up Center mirror capabilities of ECC workstations for RMS access to assist Law Enforcement with required information on an emergency basis that can effect citizen and officer safety with historical crime intelligence	Chesterfield Police Department
24/7 Task Chairs (15)	\$ 815.00	\$ 12,225.00	Current seating is old, and half of chairs in disrepair and will not withstand prolonged use	Concepts Business Solutions (based on FY08 purchase price)
"Battalion Chief" phone line moved to Fire & EMS Positions	\$ 100.00	\$ 100.00	BC line provides quick access to Fire and EMS Supervisor and Operators, but at Back Up Center services and wiring need to be acquired to locate the existing phone and phone line to the proper position	Chesterfield IST Voice Services
LCD TV, DVD/VCR combination (digital enabled) and mounting for on the wall installation	\$ 2,702.25	\$ 2,702.75	Current Television at Back Up Center is too small (15") and old (approx. 20 years) to provide adequate situational awareness during activations	Circuit City online price
Weather Monitor (Alarm) Radio	\$ 69.99	\$ 69.99	Ability to monitor Weather Alerting of NWS issued warnings and watches are necessary to have Back Up Center mirror capabilities of ECC. This is a low cost, readily available source	Target online price
Fax Machine (Intellifax 2910)	\$ 297.49	\$ 297.49	Ability to send and receive information via FAX machine is still necessary to carry out core functions, such as FAX of emergency requests for information from wireless carriers on customers or specific devices	The Supply Room online price
Laser Printer (1)	\$ 877.00	\$ 877.00	Only one printer is currently available for fourteen (14) CAD workstations and at minimum one other is necessary for Supervisory staff on duty during an activation	Chesterfield IST
Telephone Device for the Deaf (TDD/TTY) Machine	\$ 359.00	\$ 359.00	Portable TDD/TTY needed at Back Up Center to provide ADA compliant communications, current TDD was exchanged from ECC and must be transported back for in-house TTD/TTY compliance testing as ECC (back up center) TDD/TTY inoperable	Marilyn Electronics (based on FY09 purchase price)

High-Capacity Uninterrupted Power Supply (UPS) and Battery Back up Power Supply (9), APC Smart UPS 1500	\$ 786.75	\$ 7,080.75	Generator is installed on location, however, there is no UPS to continue power between loss of commercial power and generator power, meaning that CAD positions and phones would turn off, take time to reset/repower and could possible lose programming or connectivity, in the case of CAD	Design-Tec Office Products online price
Radio Gateway System (enable Patching)	\$ 21,150.00	\$ 27,400.00	The ability to patch talkgroups is required to mirror ECC capabilities. This is especially true of vehicular pursuits, given our regional radio system and also large scale events where NIMS mandates a Unified Command Structure. This system will allow us to patch multiple talkgroups thus able to respond effectively to unique emergencies that require mutual aid and communications between users of different agencies and disciplines (Law Enforcement, Fire and EMS).	Radio Communications of Virginia (budgetary estimates)
Motorola MIP 5000 (1)	\$ 10,000.00	\$ 10,000.00		
Radio Gateway Software (2)	\$ 750.00	\$ 1,500.00		
Personal Computer and Monitor (1)	\$ 2,500.00	\$ 2,500.00		
HP Lan Switch (1)	\$ 2,000.00	\$ 2,000.00		
Consolettes (2)	\$ 5,000.00	\$ 10,000.00		
Cabling and Antennae (2) (consolettes)	\$ 500.00	\$ 1,000.00		
Labor	\$ 400.00	\$ 400.00		
		\$ 85,221.98		

PURCHASE ORDER STATUS INQUIRY

PURCHASE ORDER INFORMATION

PO Number: P105441 Vendor: V006906 MARILYN ELECTRONICS

Fully Paid

PR Number: PR007212 Addr Cd: 430 Franklin Village Dr
Suite 209
Franklin, ma PO Type: P - Standard PO
 02038

Sec Code: ECOU ECC UNDER 5000

Confirm: Requested by: Kim Rosamilia Req Dt: 9/5/2008 PO Amount: 359.00
 Account: Approved by: Paul Hendricks Apr Dt: 9/10/2008 Received Amount: 359.00
 Bid: Printed by: BSI Workflow Administrator Print Dt: 9/10/2008 Unreceived Amount: 0.00
 Contract: Buyer: B011

Ship To: S2258 EMERGENCY COMMUNICATIONS CENTER
 Bill To: S2101 CENTRAL ACCOUNTING
 End Use: TTY Machine

Req. Codes:
 Purchasing Use: PO
 Freight: FA
 Terms: T2

Retainage:

ITEMS

Line Item	Qty Ordered	Unit	Unit Price	Key	Object	Work Order	Discount	Extended	Ship To	F/A Print Whse Chg
0001	1.00	EA	359.00	GL 28002	552330		0.00	359.00		N

ECC OPERATIONS
 OTHER LOCAL TELEPHONE SERVICE

DESCRIPTION:

Qty Received	Receipt Date	Receiver's User Name
1.00	9/16/2008	Kim Rosamilia
<u>1.00</u>	<i>Total Quantity Received</i>	

ENCUMBRANCES

Item #	Key	Object	Reference #	Post Date	EN Amount	PD Amount	Balance	EN Type
0001	28002	552330	P105441	9/10/2008	359.00		359.00	EN
0001	28002	552330	P105441	9/29/2008		359.00	0.00	FP
Balance:					359.00	359.00	0.00	

ACCOUNTS PAYABLE ACTIVITY

Item	Key	Object	Qty	Unit Price	Unenc Fr	Term Disc	PD Amount	Invoice #	Invoice Date	Check Date
<i>Paid</i> 0001	28002	552330	1.00	359.00	0.00	0.00	359.00	091208CEC	9/12/2008	10/8/2008
							359.00	AP CHECK 00359638		
				<u>1.00</u>	<u>359.00</u>	<u>0.00</u>	<u>0.00</u>	<u>359.00</u>	TOTALS FOR P105441	

WORK FLOW HISTORY

WF Role	Approver	Approved?	Assigned	Responded	Delegatee
	Kim Rosamilia	Accepted	2008/9/5 9:29:15	2008/9/5 9:30:27	
WFC1EMERCC	George K Thomas	Accepted	2008/9/5 9:30:33	2008/9/5 9:33:50	
	Kim Rosamilia		2008/9/5 9:30:33		
Notes: Update made by approver					
WFPROBTELECOM	Paul Hendricks	Accepted	2008/9/5 9:34:02	2008/9/10 13:54:24	
	BSI Workflow Administrator	Accepted	2008/9/10 13:54:34	2008/9/10 13:54:34	
	BSI Workflow Administrator	Accepted	2008/9/10 13:54:35	2008/9/10 13:54:35	
	BSI Workflow Administrator	Accepted	2008/9/10 13:54:54	2008/9/10 13:54:54	

PURCHASE ORDER STATUS INQUIRY

BSI Workflow Administrator	Accepted	2008/9/10 13:55:09	2008/9/10 13:55:09
BSI Workflow Administrator	Accepted	2008/9/10 13:55:09	2008/9/10 13:55:09

PURCHASE ORDER STATUS INQUIRY

Selection Criteria: N/A



simplicity guaranteed™



Shopping Cart

Enter your zip code to estimate tax charges

Item	Price	Qty	Package discounts
Sony 40" BRAVIA XBR 6-Series LCD HDTV SON KDL40XBR6 see accessories	\$2199.99 After \$200.00 savings See savings	1	<input type="button" value="Remove"/> <input type="button" value="Update quantity"/>
Monster PowerCenter™ HTS 950 with Clean Power™ Stage 1 MOC MPHTS950 see accessories	\$149.99 After \$8.00 savings See savings	1	<input type="button" value="Remove"/> <input type="button" value="Update quantity"/>
Verge Large Flat-Panel Fixed Mount VRG VFXLGMT see accessories	\$119.99	1	<input type="button" value="Remove"/> <input type="button" value="Update quantity"/>
Sony RDR-VX560 DVD Recorder and VCR Combo with Upconversion SON RDRVX560 see accessories	\$199.99 After \$30.00 savings See savings	1	<input type="button" value="Remove"/> <input type="button" value="Update quantity"/>
Monster Cable HDMI 700hd High Speed HDMI Cable - 6.6' MOC MC700HD2M see accessories	\$94.99 After \$5.00 savings See savings	1	<input type="button" value="Remove"/> <input type="button" value="Update quantity"/>



Special financing available [See details](#) [Apply now](#)

*Any coupon discounts will be added later in

Subt

Subtotal does not include tax or ship

[Continue shopping](#)



All Products

Sign In | New

Save 10% today when you open a REDcardSM credit account. [LEARN MORE](#)

[← Previous Page](#)

Browse Similar Items

- All Clock Radios
- All Radios
- Emergency + Weather Radios
- All Clocks
- Emergency + Weather Radios



free shipping
Midland S.A.M.E. Weather/Civil/Emergency/Hazard Radio - WR-300

\$69.99

Quantity:

+ Add to Cart

OR
Sign-in for 1-Click

+ Add to Club Wedd

+ Add to Target Baby

+ Add to TargetLists

[VIEW LARGER IMAGE](#)

Availability :

Usually ships within 1 to 2 business days.
This item is available online, but is not available in stores.

Prices, promotions, styles and availability may vary by store and online.

[FEATURES](#) | [DESCRIPTION](#) | [ADDITIONAL INFO](#) | [SHIPPING INFO](#)

- Uses both analog and digital signaling
- Special Area Message Encoding (S.A.M.E.)
- 7 weather channels, 10 memory channels, 20 programmable counties
- Add up to 8 alerts
- Indigo display alarm clock with full date display
- Emergency Radio

Better Together

Buy this Midland S.A.M.E. Weather/Civil/Emergency/Hazard Radio - WR-300 with (Emergency Radio with AM/FM Tuner/ VHF TV Tuner/ NOAA Weather Service - FR30

Total List Price: \$
Buy Together T



SEARCH CENTER

ORDER CENTER

Find an ITEM

HP Printing Supplies

QUICK ORDER

OFFICE ESSENTIALS

OFFICE EQUIPMENT SEARCH

SHOPPING CART

WELCOME GUEST!

[Home](#) [About Us](#)

PLEASE LOGIN

Stock Number: BRTFAX2910

INTELLIFAX 2910.PP LASER FAX

Your Price: \$297.49 UM: EACH



Catalog Name: Site Specific Catalog

Catalog Page:

Manufacturer:



Copyright (c) eComm



Design-Tec Office Products
(877) 875-9187

- [About Us](#)
- [Contact Us](#)
- [My Account](#)

Manufacturer

Manufacturer

Category

- [» Custom & Specialty](#)
- [» Furniture](#)
- [» Healthcare Supplies](#)
- [» Janitorial & Break Room](#)
- [» More Office Products](#)
- [» Office Supplies](#)
- [» Technology Products](#)

Browse by Price

- [» 0 - 24.99](#)
- [» 25 - 49.99](#)
- [» 50 - 99.99](#)
- [» Over \\$100](#)



[Home](#) > [More Office Products](#) > [Computer Hardware & Data Storage](#) > [Computer](#)

POWER,SMART-UPS 1500,BK

SKU: APWSUA1500



Price

Your Price: \$786.75

Availability: In Stock



Quantity

[Add to Cart](#)

Description

Temperature-compensated battery charging prolongs life and adds reliability. Power conditioning protects c loads from surges, spikes, lightning, and other disturb Boost Automatic Voltage Regulation gives higher app availability by correcting low and high voltage condit without using the battery. Generator compatible ensur uninterrupted power to protected equipment when ger power is used. Network manageable via included Pow

Thomas, George

From: Birdsong, Don
Sent: Tuesday, October 21, 2008 11:08 AM
To: Fuss, Gerry; Thomas, George; Vest, Robert
Subject: RE: Patching Abilities at Back Up Center via Radio Gateway

I talked to Will Smithson from RCV. He says an ACU1000 would run around 17000.00 and you need two radios to setup one patch. He said the Consolettes like at Co 15 now average around 5000.00 each. You would also need a computer, antennas, cable & installation.

Another solution is a VOIP console. Will says Motorola has the MIP 5000. This also has patching capability. See the attached file. The software for the MIP 5000 runs around 10000.00 and you need a radio gateway for each radio at about 750.00 each and an HP LAN switch at about 2000.00. Consolettes can also be used for this setup with antennas and installation. The computer for this can be any type that meets the requirements and can be either a desktop workstation or a laptop and does not need to be purchased from Motorola.

Will said he could come out and talk about both options and quote more accurate pricing after seeing what our needs are and which route we decide to take.

Don Birdsong
System Analyst
Chesterfield County Radio Shop
Chesterfield, VA
Office (804)748-1255
Cell (804)651-1291

-----Original Message-----

From: Fuss, Gerry
Sent: Tuesday, October 21, 2008 8:05 AM
To: Thomas, George; Vest, Robert
Cc: Birdsong, Don
Subject: RE: Patching Abilities at Back Up Center via Radio Gateway

What have we come up with to pass along to George? I know that Don was working on this.

Thanks,
Gerry

From: Thomas, George
Sent: Tuesday, October 21, 2008 7:23 AM
To: Fuss, Gerry; Vest, Robert
Subject: RE: Patching Abilities at Back Up Center via Radio Gateway

Any feedback on this? I need to know if this is technically possible and if so a rough estimate of costs involved. I have to put this information together today in order to allow some time for County administration review. If this is not technically feasible let me know - if so, I'd need some educated guess on price. (if you can atleast ballpark, I can figure if I can include in request or not - available funding for a wide range of



745 Atlantic Avenue
 Boston, MA 02111
 P: (617) 897-6800
 F: (208) 978-5422
 Web: www.outstart.com

Quoted by: Brandon Hill
Date: 7/24/2008
Quote Expiration: 8/31/2008
Quote Name: Chesterfield County-Trainer

Sales Quotation/Order Form For:

Customer Name: Chesterfield County Government
 Customer Address:
 P.O. Box 40
 Chesterfield, VA 23832
 Customer Contact: Sherri Legat

Phone: (804) 751-2903
 Fax: _____

Email: legats@chesterfield.gov

Bill To Name: Sherri Legat
 Bill To Address:
 P.O. Box 40
 Chesterfield, VA 23832

SKU #	Description	Qty	Unit List Price	Discounted Unit Price	Extended Price
SW-TS-01	Trainer Developer User License	1	\$2,495.00	\$1,756.50	\$1,756.50
MN-TS-01	Annual support & maintenance - Trainer	1	\$450.00	\$450.00	\$450.00
Grand Total:					\$2,206.50