

FY14

PSAP GRANT PROGRAM APPLICATION



VIRGINIA INFORMATION
TECHNOLOGIES AGENCY
Integrated Services Division



FY14 PSAP GRANT PROGRAM APPLICATION

HOW TO APPLY/DEADLINE

The grant application is available and accessible from VITA's Integrated Services Program's website

(<http://www.vita.virginia.gov/isp/default.aspx?id=8578>). Upon completion of the application, it is to be submitted to the PSAP Grant Manager, Lisa Nicholson, at lisa.nicholson@vita.virginia.gov. Any supporting documentation must also be submitted along with the application, including mandatory budgets for projects (if applicable).

After submission, the PSAP Grant Manager will assign a Grant ID and send an e-mail notification to the project contact e-mail address listed on the application received.

All funding requests must be submitted using the grant application. Technical assistance is available from VITA's Public Safety Communications (PSC) staff throughout the grant process. The FY14 PSAP Grant Application Cycle starts July 1, 2012 and concludes on October 31, 2012 at 5:00 pm.

ALL APPLICABLE SECTIONS MUST BE COMPLETED IN ITS ENTIRETY OR THE APPLICATION WILL BE CONSIDERED INCOMPLETE AND NOT ACCEPTED FOR CONSIDERATION.



FY14 PSAP GRANT APPLICATION

PROJECT TITLE

Multi-use server for PSAP

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Bedford Communications

CONTACT TITLE: E-911 Manager

CONTACT FIRST NAME: Jeff

CONTACT LAST NAME: Johnson

ADDRESS 1: 1345 Falling Creek Road

ADDRESS 2: 1T

CITY: Bedford

ZIP CODE: 24523

CONTACT EMAIL: j.johnson@bedfordcountyva.gov

CONTACT PHONE NUMBER: 540-587-0731

CONTACT MOBILE NUMBER: 540-537-7561

CONTACT FAX NUMBER: 540-586-7668

REGIONAL COORDINATOR: Stefanie McGuffin

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

**Bedford City/County Joint
Communications Center**

GRANT TYPE

Individual PSAP

Regional Initiative

Consolidation

Secondary Consolidation



GRANT PROGRAM TYPE

- Continuity and Consolidation Enhancement

TIER

- Out of Service Non-Vendor Supported*
 Technically Outdated* Strengthen
 Not Applicable

If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.

VERSION: _____ # YEARS of HARDWARE/SOFTWARE: _____

PROJECT FOCUS GIS: HIGH PRIORITY

If "Other" selected, please specify: 1T

FINANCIAL DATA

Amount Requested: \$ 11,529.45

Total Project Cost: \$ 11,529.45

STATEMENT OF NEED



Bedford County currently utilizes a Windows XP workstation as its mapping/plotting message switch. This message switch handles incoming ALI data, plots wireless 911 calls, plots calls from CAD, send pages as secondary notification of calls and also sends mapping information to our Emergency Notification System. With the introduction of the new ENS clients this workstation has become more integral to the daily functioning of Bedford County/City PSAP. Currently GIS is not guaranteed a connection when they are trying to provide critical mapping data updates to PSAP workstations. It is imperative that we upgrade the system to server level hardware and software to be able to have over 10 concurrent connections to the mapping/plotting message switch. Right now we have to juggle connections to the server (by kicking off some users) so that our GIS can update the maps. Then we have to go back and reconnect the previous connection so that daily dispatch activity can resume. With the system the way it is now it is barely possible to maintain daily seamless PSAP activity and impossible to grow our PSAP in the future.

Describe how the grant will be maintained and supported in the future, if applicable.

The County will be able to maintain the server hardware. The server will also have a 5 year maintenance agreement which will help the first 5 years in case of hardware failures. This maintenance agreement is included in the quote.

COMPREHENSIVE PROJECT DESCRIPTION



Provide a thorough, concise, and complete description of the project, including an outline of the goals and objectives, implementation strategy, and a work plan.

Goals:

- To allow more than 10 concurrent connections to the Message Switch. This will allow for GIS and clients to update critical mapping data required without having to juggle concurrent activity and disrupt PSAP function.
- To serve as a main storage server for scheduling and template documents. Currently these items are stored across several servers in the PSAP
- To serve as a remote desktop server to allow faxing/email done from dispatch workstations. Currently dispatchers have to leave their workstations to use a community e-mail machine and a fax machine.

Bedford County plans to install the server to replace the current Windows XP workstation message switch. Software vendors will assist us in transferring existing installation data from the old message switch. Once the server is configured and ready to use the server will be put online without disruption to PSAP activity.

FOR CONTINUITY AND CONSOLIDATION OR ENHANCEMENT PROJECTS:

PROJECT TIMELINE – Select each applicable phase of the project and indicate the estimated completion date. Sample activities for each phase can be found in the PSAP Grant Program Guidelines as well as on the addendum to this form.

PROJECT PHASE	ESTIMATED COMPLETION DATE
<input type="checkbox"/> INITIATION (Project approved by appropriate stakeholders)	7 / 01 / 13
<input type="checkbox"/> DESIGN/PLANNING (Project, system, or solution requirements are developed)	9 / 05 / 13
<input type="checkbox"/> ACQUISITION (Selected system or solution is procured)	10 / 15 / 13



<input type="checkbox"/> IMPLEMENTATION (Selected system or solution is configured and installed)	11 / 15 / 13
<input type="checkbox"/> TESTING/COMPLETION (Selected system or solution is tested and put in production)	12 / 15 / 13

Identify the longevity or sustainability of the project.

The server will have a five (5) year hardware warranty but should be good for 7 years. The software will allow us to increase the number of dispatch workstations up to 12 without additional licensing.

Describe how this project supports the Virginia Statewide Comprehensive 9-1-1 Plan.

The upgrade of this server from workstation to server level hardware/software will allow Bedford County to provide faster and better mapping and plotting during a received call without disrupting PSAP function. It will also provide more connections so that dispatchers can use both SMS Paging inside CAD to first responders and then also a secondary paging client to page individuals (deputies and employees) during emergencies. We will also be able to allow dispatchers to fax call information and e-mail call information immediately and on the fly as necessary.

REGIONAL INITIATIVE (if applicable)



The relationship of the initiative to the participating PSAPs:

1T

Intended collaborative efforts:

1T

Resource sharing:

1T



How does the initiative impacts the operational or strategic plans of the participating agencies:

1T

CONSOLIDATION (Primary or Secondary) - (if applicable)

How would a consolidation take place and provide improved service:

1T

How should it be organized and staffed:

1T



What services should it perform:

1T

How should policies be made and changed:

1T

How should it be funded:

1T

What communication changes or improvements should be made in order to better support operations:

1T



BUDGET AND BUDGET NARRATIVE

List the planned expenditures to be made with grant funds. (NOTE: In lieu of a line item breakdown, an itemized cost schedule or detailed vendor prepared quote may be submitted as an attachment.) Briefly explain the reason for each requested budget item and provide the basis for its cost:

- Server w/ 3 drives at 450GB (RAID 5) – Will provide abundant storage as well as redundancy.
- MS Server 2012 – Will provide 25 concurrent client connections.
- SIIG PCI DB9 Card – Required for ALI and fax modem and additional legacy support
- MS Terminal Server Licenses – will provide for 25 remote connections for email/fax at workstations

Vendor quotes provided in attachment.

EVALUATION

How will the project be evaluated and measured for achievement and success:

Once the server is implemented, the concurrent connectivity problem we are having with the old Message Switch will be resolved, and GIS will be able to provide critical mapping updates without having to wait for IT support. In addition, SMS Paging database connectivity will be resolved immediately since all PSAP workstations will be able to connect concurrently.

The email/faxing impact will be evaluated by feedback from the dispatchers and the departments being faxed/emailed. The dispatchers will be able to remain at their workstation instead of having to leave to use an external fax machine in order to provide a fax/email to another department.





FINANCIAL AND PROGRAMMATIC REPORT

PROJECT PHASES

SAMPLE ACTIVITIES

PHASE

SAMPLE ACTIVITIES

INITIATION

(Project approved by appropriate stakeholders)

- Project concept is documented
- Local Board or governing authority approval or endorsement is received
- PSAP grant application is filed
- Local budgets are obtained
- Appropriated grant funds are approved
- Budgetary estimates are obtained

DESIGN/PLANNING

(Project, system, or solution requirements are developed)

- Requirements are documented
- Components to be purchased are identified
- General design is documented

ACQUISITION

(Selected system or solution is procured)

- RFP (or other bid related processes) are drafted
- Proposals are evaluated
- Contract is signed
- Purchase orders are issued
- Quotes are obtained/grant funds draw down

IMPLEMENTATION

(Selected system or solution is configured and installed)

- Purchased components are delivered and installed
- Training is performed

TESTING/COMPLETION

(Selected system or solution is tested and put in production)

- Performance of system/solution is validated
- System/solution goes "live"



SALES QUOTATION

QUOTE NO.	ACCOUNT NO.	DATE
CZJL861	1854095	10/2/2012

BILL TO:
 BEDFORD COUNTY
 122 E MAIN ST

SHIP TO:
 BEDFORD COUNTY
 Attention To: CHRISTINE GIGLIO
 122 E MAIN ST

Accounts Payable
 BEDFORD , VA 24523-2000

BEDFORD , VA 24523-2000
 Contact: CHRISTINE GIGLIO 540-587-5676

Customer Phone #

Customer P.O. # SERVER QUOTE

ACCOUNT MANAGER	SHIPPING METHOD	TERMS	EXEMPTION CERTIFICATE
NICOLE TUZZOLINO 866.850.5223	UPS Ground	MasterCard/Visa Govt	GOVT-EXEMPT

QTY	ITEM NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1	2637259	HP SB GEN8 DL380P E5-2640 US SVR Mfg#: 670854-S01 Contract: VITA Server and Maintenance VA-100111-CDWG	4,655.00	4,655.00
2	2686622	SIIG 1PT DP DB9 SER PCIE 16950 Mfg#: JJ-E01111-S1 Contract: VITA Server and Maintenance VA-100111-CDWG	30.00	60.00
1	2637067	HP GEN8 12.7MM SATA DVD RW JB KIT Mfg#: 652235-B21 Contract: VITA Server and Maintenance VA-100111-CDWG	113.00	113.00
1	1715738	HPE 5YR 24CTR DL38X Mfg#: UP719E Contract: VITA Server and Maintenance VA-100111-CDWG	2,650.00	2,650.00
3	2637071	Electronic distribution - NO MEDIA HP GEN8 450GB 6GSAS 10K 2.5 SC ENT Mfg#: 652572-B21 Contract: VITA Hardware and Maintenance VA-090202-CDWG	500.00	1,500.00
			SUBTOTAL	8,978.00
			FREIGHT	0.00
			TAX	0.00

US Currency

TOTAL 8,978.00

CDW Government
 230 North Milwaukee Ave.
 Vernon Hills, IL 60061

Fax: 847.990.8124

Please remit payment to:
 CDW Government
 75 Remittance Drive
 Suite 1515
 Chicago, IL 60675-1515



SALES QUOTATION

QUOTE NO.	ACCOUNT NO.	DATE
CZJM007	1854095	10/2/2012

BILL TO:
 BEDFORD COUNTY
 122 E MAIN ST

SHIP TO:
 BEDFORD COUNTY
 Attention To: CHRISTINE GIGLIO
 122 E MAIN ST

Accounts Payable
 BEDFORD , VA 24523-2000

BEDFORD , VA 24523-2000
 Contact: CHRISTINE GIGLIO 540-587-5676

Customer Phone #

Customer P.O. # MS QUOTE

ACCOUNT MANAGER	SHIPPING METHOD	TERMS	EXEMPTION CERTIFICATE
NICOLE TUZZOLINO 866.850.5223	ELECTRONIC DISTRIBUTION	MasterCard/Visa Govt	GOVT-EXEMPT

QTY	ITEM NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1	2802822	MS GSA WIN SRV STD 2012 2PROC Mfg#: P73-05876 Contract: CDW-G GSA Schedule GS-35F-0195J Electronic distribution - NO MEDIA	604.45	604.45
25	2802823	MS GSA WIN SRV DCAL 2012 Mfg#: R18-04301 Contract: CDW-G GSA Schedule GS-35F-0195J Electronic distribution - NO MEDIA	19.98	499.50
25	2802832	MS GSA WIN REM DT SVCS DCAL 2012 Mfg#: 6VC-02094 Contract: CDW-G GSA Schedule GS-35F-0195J Electronic distribution - NO MEDIA	57.90	1,447.50
SUBTOTAL				2,551.45
FREIGHT				0.00
TAX				0.00

US Currency

TOTAL 2,551.45

CDW Government
 230 North Milwaukee Ave.
 Vernon Hills, IL 60061

Fax: 847.990.8124

Please remit payment to:
 CDW Government
 75 Remittance Drive
 Suite 1515
 Chicago, IL 60675-1515