

FY16

PSAP GRANT PROGRAM APPLICATION



VIRGINIA INFORMATION
TECHNOLOGIES AGENCY
Integrated Services Division



FY16 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 your Regional Coordinator. Any supporting documentation must also be submitted along with the application, including mandatory budgets for projects (if applicable).

After the close of the grant application cycle, a Grant ID and email receipt notification will be sent to the 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 FY16 PSAP Grant Application Cycle starts July 1, 2014 and concludes on September 30, 2014 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.



FY16 PSAP GRANT APPLICATION

PROJECT TITLE

Replacement of Non-Supported Logging Recorder

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Richmond County Sheriff's Office

CONTACT TITLE: Technology Director / E-911 Coordinator

CONTACT FIRST NAME: Christopher H.

CONTACT LAST NAME: Jett

ADDRESS 1: P.O. Box 1000

ADDRESS 2: 1T

CITY: Warsaw, Virginia

ZIP CODE: 22572

CONTACT EMAIL: cjett@co.richmond.va.us

CONTACT PHONE NUMBER: 804-333-1100

CONTACT MOBILE NUMBER: 804-761-8489

CONTACT FAX NUMBER: 804-333-3408

REGIONAL COORDINATOR: Sam Keys

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Richmond County

Town of Warsaw

GRANT TYPE

Individual PSAP

Shared Services

Regional Initiative

Consolidation

Secondary Consolidation



GRANT PROGRAM TYPE

- Continuity and Consolidation
- Enhancement

TIER

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- Technically Outdated*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

If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.

VERSION:	# YEARS of HARDWARE/SOFTWARE:
TEN-4, Version 2.4.11 by Stencil Corporation	7.5 years (system installed in May, 2007)

PRIORITY/PROJECT FOCUS VOICE RECORDER

If "Other" selected, please specify: 1T

FINANCIAL DATA

Amount Requested: \$ 57,250
 Total Project Cost: \$ 57,250



STATEMENT OF NEED

This statement should reference the relationship to the current funding priorities established by the Grant Committee and include evidence of any financial need, along with additional information on the impact on operational services; consequences of not receiving funding; inclusion of project in a long-term or a strategic plan; and local sustainability:

The 40 channel TEN-4 (by Stancil Corporation) analog voice logging recorder currently utilized by the Richmond County Sheriff's Office was purchased and installed in the spring of 2007, at the time the Sheriff's Office was moving into a newly constructed facility. This logging recorder is configured to capture traffic from four (4) separate radio channels, two (2) CPE answering positions, as well as administrative telephone lines and extensions throughout the Sheriff's Office and is currently functional. However, this system is utilizing hardware that is more than seven (7) years old and a Windows XP Professional operating system that ceased being supported by Microsoft in April of 2014. In June of 2014, the Richmond County PSAP completed the replacement of its CPE with the VESTA/Sentinel 4.x platform by Airbus DS Communications and is ready for the future receipt of NG-911 data, while the current logging recorder is analog and not capable of recording that data. At the same time, the PSAP is in the process of replacing its current analog radio consoles with the Motorola MIP 5000 VoIP platform and an upgraded logging recorder is needed in order to allow for additional flexibility in the recording options with the new radio consoles.

With this application, Richmond County wishes to replace its technically outdated and non-Microsoft supported logging recorder with a new 40 channel recorder, including the capability for screen capture within the PSAP as well as the recording of VoIP data. The desired logging recorder will also be NG-911 ready to allow for the capture of future data within the PSAP, such as text to 911, and be able to be accessed for search and replay by designated Sheriff's Office personnel via the County's network.

The cost estimate for the desired replacement recorder is \$36,368, with an additional \$15,700 in additional support costs for years two (2) through five (5). Richmond County's total E-911 Management budget is only \$71,500, which also must be used to pay costs associated with street sign and address maintenance, landline 911 trunks, as well as maintenance of the County's CPE and radio system. With tightening budget constraints, the amount allocated to the E-911 Management budget has actually decreased over the past year and, with the current state of the economy, the prospect of receiving additional local funding toward the replacement of the PSAP logging recorder seems unlikely. Without the additional grant funds requested, Richmond County will be forced to continue to operate its existing technically outdated and unsupported recording system until other funding sources become available.

This grant application falls under Tier two (2) – Non-Vendor Supported and Priority seven (7) – Voice Logging Recorder as established by the Grant Committee for the Continuity and Consolidation Program, giving it an overall Priority Ranking of twelve (12).



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

As part of the proposed logging recorder replacement, Richmond County plans to pay up-front for five (5) years of extended support on all hardware and software components of the system. The total extended support costs for years two (2) through five (5) is estimated at \$15,700. Beyond five (5) years, all support costs will be covered through the County's E-911 Management budget.

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.

Richmond County proposes to replace its technically outdated and non-Microsoft supported logging recorder with a new 40 channel recorder, including the capability for screen capture within the PSAP as well as the recording of VoIP data. The proposed logging recorder will also be NG-911 ready to allow for the capture of future data within the PSAP, such as text to 911, and be able to be accessed for search and replay by designated Sheriff's Office personnel via the County's network.

Project Goals and Objectives:

1. Replace the existing technically outdated and non-Microsoft supported logging recorder with a new NG-911 ready 40 channel recorder, based on a supported Microsoft operating system.
2. Add the ability for screen capture and recording of activity on selected systems/monitors within the PSAP.
3. Add the ability for the recording of future NG-911 data that will be delivered to the PSAP, such as text to 911.
4. Add additional flexibility for the recording of radio traffic from the new VoIP radio consoles.

Work Plan:

Through a competitive procurement process, a vendor will be selected who can provide a new logging recorder meeting the PSAP's desires. A contract will be secured for this project and the County's project director (E-911 Coordinator) will coordinate with the vendor on the acquisition, installation, interfacing (with other PSAP components), and testing of the chosen recorder.

It is anticipated that the project timeline will run from July 1, 2015 through January 31, 2016.



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 checked="" type="checkbox"/> INITIATION (Project approved by appropriate stakeholders)	07 / 31 / 15
<input checked="" type="checkbox"/> DESIGN/PLANNING (Project, system, or solution requirements are developed)	09 / 30 / 15
<input checked="" type="checkbox"/> ACQUISITION (Selected system or solution is procured)	11 / 30 / 15
<input checked="" type="checkbox"/> IMPLEMENTATION (Selected system or solution is configured and installed)	01 / 15 / 16
<input checked="" type="checkbox"/> TESTING/COMPLETION (Selected system or solution is tested and put in production)	01 / 31 / 16

Identify the longevity or sustainability of the project.

Richmond County received funding through the PSAP grant program in fiscal year 2013 for the replacement of its CPE with the NG-911 VESTA/Sentinel 4.x platform and has received funding in fiscal year 2015 for the replacement of its dispatch mapping system. By replacing the PSAP's logging recorder with one that is capable of capturing all aspects of the data being provided by these other updated components, Richmond County will be more prepared to keep pace with the changing technology in E-911 service. It is anticipated that the proposed replacement logging recorder will be able to meet the needs of the Richmond County PSAP for greater than five (5) years. Included in the requested funding with this application are support costs of \$15,700 to cover all hardware and software support from the end of the warranty period through year five (5). All support costs beyond year five (5) will be covered through the County's E-911 Management budget.



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

The strategic goals of the Virginia Statewide Comprehensive Plan are to “provide a standard level of 9-1-1 emergency dispatch services to the public” and “position 9-1-1 centers to continuously meet the public’s expectations.” By replacing the Richmond County PSAP’s logging recorder with one that is NG-911 ready and is capable of recording VoIP data, the project will be meeting the plan’s goals by allowing the PSAP to keep pace with current technology advances and trends and the public’s expectations regarding the capabilities of 9-1-1 centers throughout the Commonwealth.

SHARED SERVICES/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. However, budgetary quotes received from a particular vendor(s) during the application process do not commit the PSAP to use that vendor(s) once the grant is awarded.) Briefly explain the reason for each requested budget item and provide the basis for its cost. In addition, if contingency cost has been added, please identify the amount.

Richmond County is requesting a total of \$57,250 in grant funds to cover the costs associated with the replacement of its PSAP logging recorder. This total project costs are broken down as follows:

Software license costs: \$20,000

System hardware costs: \$10,088

Spares kit costs: \$580

Installation costs: \$4,500

Software support (initial year): \$1,200

Extended support (years 2-5): \$15,700

Contingency (approximately 10% of total project cost): \$5,182

Please see the attached vendor quote for additional details.



EVALUATION

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

Evaluation of the success of Richmond County's logging recorder replacement will consist of demonstration that the proposed logging recorder has been purchased, installed, and is operational within the PSAP.

The selected vendor will be required to provide a test plan for system acceptance. Final vendor payment will be withheld until this acceptance test plan has been completed and approved by the project director.



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"



Quotation

Two-Way...The Right Way... Since 1954

1282 Mountain Road
 Glen Allen, VA 23060
 Phone (804) 266-8999 Fax (804) 262-6846

DATE 9/30/14
Quotation # 510a
Customer ID

Proposal For:

Name Chris Jett
 Company Richmond County
 Street
 City State, Zip
 Phone

Quotation valid until: 11/29/14
Prepared for: Will Smithson
Prepared by: Junie Gillen

Comments or special instructions:

Logging Recorder Upgrade Quotation

40 Channel Verint Audiolog 5000

Qty	Model	Description	Amount Ea.	Amount Ext.
Audiolog Licenses				
1	C89-170-3324	Audiolog Server license for Version 5	\$2,500.00	\$2,500.00
5	C89-170-3314	Audiolog Screen Recording	\$100.00	\$500.00
40	C89-170-3315	Competitive trade in for Operational Recording	\$425.00	\$17,000.00
Audiolog 5000 Series Server Hardware				
1	C89-170-3332	Audiolog 5000-Series MAX-PRO/Quad-Core VoIP	\$4,964.00	\$4,964.00
1	C89-170-3359	Upgrade 5000-Series Redundant Pro, MAX-PRO/Dual Core or MAX-PRO Quad Core VoIP at the time of a server order only to SQL Server 2008 with 5 CAL's	\$450.00	\$450.00
Telephony Cards				
2	C89-170-3253	LD2409 board, 24 analog ports	\$2,012.00	\$4,024.00
1	C89-170-3256	Intel-PRO/1000GT Dual Port Server Adapter	\$240.00	\$240.00
Misc				
1	C89-170-3210	Blu-ray drive	\$410.00	\$410.00
Audiolog 5000 Series Server Spares Kits				
1	C89-170-3344	Spare Parts Kit for 5000-series Redundant PRO	\$580.00	\$580.00
Software Support				
1	C89-170-3312	Audiolog Maintenance (per annum)	\$1,200.00	\$1,200.00
RCV Hardware and Software Support (After 1st Year Warranty)				
1	C89-170-3313	Audiolog HW Maintenance (per annum after warranty)	\$1,165.00	
1	C89-170-3312	Audiolog Maintenance (per annum)	\$1,200.00	
1		RCV On-Site Hardware and Software support (per annum)	\$1,560.00	
Annual Support Total			\$3,925.00	

Terms/Conditions:
 Paid in Full with Order
 C.O.D. (Min. 25% Down)
 Lease Purchase
 1.5% Interest on any overdue balance per month

Total Equipment Cost	\$31,868.00
Tax	
Installation	\$4,500.00
Shipping	
TOTAL	\$36,368.00
Less Down Payment	
Amount Due	

Accepted By: _____