

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

Danville PSAP Phone System Upgrade

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: City of Danville VA

CONTACT TITLE: Assistant Chief

CONTACT FIRST NAME: Steven

CONTACT LAST NAME: Dishman

ADDRESS 1: 600 Lynn Street

ADDRESS 2: [Click here to enter text](#)

CITY: Danville

ZIP CODE: 24541

CONTACT EMAIL: dishmsr@danvilleva.gov

CONTACT PHONE NUMBER: 434-799-6535

CONTACT MOBILE NUMBER: 434-548-4500

CONTACT FAX NUMBER: 434-797-8943

REGIONAL COORDINATOR: Buster Brown

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Danville

_____	_____
_____	_____
_____	_____
_____	_____

GRANT TYPE

- | | |
|---|--|
| <input checked="" type="checkbox"/> Individual PSAP | <input type="checkbox"/> Shared Services |
| <input type="checkbox"/> Regional Initiative | <input type="checkbox"/> Consolidation |
| <input type="checkbox"/> Secondary Consolidation | <input type="checkbox"/> |



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- Technically Outdated*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If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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

PRIORITY/PROJECT FOCUS NEXT GENERATION

If "Other" selected, please specify: [Click here to enter text](#)

FINANCIAL DATA

Amount Requested: \$ 150,000
 Total Project Cost: \$ 261,378.53

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:

This project will enhance the operational efficiency and provide greater service capabilities within the local PSAP. The replacement of the existing equipment that has passed its end of service life which is no longer supported by the manufacturer.

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

After acquisition of the equipment the maintenance fees and contracts will be incorporated into the regular budget as the current ongoing maintenance contracts have been addressed.

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.

This project is to replace the existing phone system for the E-911 Center for the City of Danville. The current system is out of production and replacement parts are no longer available from the manufacturer. This system will also bring the center up to current technological standards and allow for better upgrade opportunities as an expandable system and extended life of the equipment. The objective is to strengthen the reliability of the system and serviceability. The implementation strategy is to acquire the grant funding to assist in the funding and obtain the equipment through the purchasing process. The work will be carried out based on the availability and time frame of the equipment availability and installation capabilities of the vendor.

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)	07 / 01 / 15
<input type="checkbox"/> DESIGN/PLANNING (Project, system, or solution requirements are developed)	08/ 15 / 15
<input type="checkbox"/> ACQUISITION (Selected system or solution is procured)	09 / 30 / 15



<input type="checkbox"/> IMPLEMENTATION (Selected system or solution is configured and installed)	10 / 31 / 15
<input type="checkbox"/> TESTING/COMPLETION (Selected system or solution is tested and put in production)	11 / 30 / 15

Identify the longevity or sustainability of the project.

The equipment will meet current standards and have an extended life expectancy due to new designs with upgradability. These features will extend the life expectancy of the equipment beyond current standards with the upgradable characteristics to meet the dynamic nature of the industry.

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

This project will support standardization of service availability to the public by offering the most current technology for access via phone contact. Another element of this project is that it will enhance the ability to meet the expectations of the public through an ability to maintain services and keep the system functional with the upgrades with current and serviceable equipment.

SHARED SERVICES/REGIONAL INITIATIVE (if applicable)



The relationship of the initiative to the participating PSAPs:

NA

Intended collaborative efforts:

NA

Resource sharing:

NA



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

NA

CONSOLIDATION (Primary or Secondary) - (if applicable)

How would a consolidation take place and provide improved service:

NA

How should it be organized and staffed:

NA



What services should it perform:

NA

How should policies be made and changed:

NA

How should it be funded:

NA

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

NA



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.

The proposed project quote is attached. The quote is for a complete system to replace the existing system due to its becoming obsolete. The components are established by the vendor as necessary for the installation and for the ability to adapt to potential changes in need or expandability when necessary.

EVALUATION

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

There is an existing program that has been implemented to track and report for evaluation. This has also been established as part of the overall organizational tracking for development. This will be utilized to record, evaluate and track information for determining achievement and success of the project on an ongoing basis to determine what and when any upgrades or training need to be addressed



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"



CenturyLink

Customer Legal Name: E911 City of Danville
 Customer Billing Name: E911 City of Danville
 PO BOX 3300
 DANVILLE
 VA , 24543-3300
 Quote-Build #: ---

Valid Until March 23, 2014

Description of Work to be Performed:

BUDGETARY PRICING: Sentinel/Vesta 4.x system
-
-
-
-
-
-

Equipment pricing shown is based upon direct sale accompanied by new Centurion Maintenance contract on same.

Part Number	Description	Quantity	Unit Price	Extended Price
-	Cassidian Communications 4X System	-	\$ -	\$ -
873099-00104.0	SENT 4.0 S-SWITCH L/D/M	2	\$ 2,023.02	\$ 4,046.04
873099-03002	R4 CAD INTF LIC	2	\$ 674.34	\$ 1,348.68
04000-01584	BLKBX TL158A-R4 DATACAST	1	\$ 474.74	\$ 474.74
04000-01010	CBL DB25M/DB25M 10FT	1	\$ 10.79	\$ 10.79
-	Server Equipment	-	\$ -	\$ -
853031-MLSVRSGL	R4 ML SVR BNDL - SGL	1	\$ 22,111.69	\$ 22,111.69
63002-172805	MNTR W/SPKR NEC 17IN	1	\$ 295.37	\$ 295.37
-	Cassidian Communications 4X Licenses	-	\$ -	\$ -
873099-00360U	SENT 4 SEAT UPGD LIC	6	\$ 4,720.39	\$ 28,322.34
809800-35130	R4 SW SPT TRNSFR	1	\$ -	\$ -
809800-35094	R4 SW SPT 5YR	6	\$ 4,342.11	\$ 26,052.66
-	Workstation Equipment - z220	-	\$ -	\$ -
61000-409603SFF	WKST HP Z220 SFF	6	\$ 2,141.71	\$ 12,850.26
65000-47001	TWR STAND SFF Z220	6	\$ 56.64	\$ 339.84
63000-202502	MNTR FP WIDE SCR LCD 20IN	6	\$ 318.29	\$ 1,909.74
64007-50016	KEYPAD 24KEY 12FT CBL	6	\$ 148.36	\$ 890.16
853004-00401	SAM EXT SPKR KIT	6	\$ 226.58	\$ 1,359.48
853030-00302	R4 SAM HDWR KIT	6	\$ 2,228.02	\$ 13,368.12
809800-35109	R4 IWS CFG	6	\$ 263.16	\$ 1,578.96
809800-35108	R4 IWS STG FEE	6	\$ 394.74	\$ 2,368.44
870890-07501	CPR/SYSPREP IMAGING	1	\$ -	\$ -
-	Cassidian Communications 4X Modules	-	\$ -	\$ -
-	Cassidian Communications 4X IRR Module	-	\$ -	\$ -
873099-00502U	R4 IRR LIC/DOC/MED UPGD	6	\$ -	\$ -
809800-35114	R4 IRR SW SPT 5YR	6	\$ 785.53	\$ 4,713.18
-	Cisco Switch/Router Equipment	-	\$ -	\$ -
04000-29616	SWITCH 2960 + CBL 24-PORT	2	\$ 1,294.74	\$ 2,589.48
04000-29615	SPT 24P 2960 5YR NBD	2	\$ 664.47	\$ 1,328.94
-	Peripherals & Gateways	-	\$ -	\$ -
04000-31500	ALARM PNL PCI	1	\$ 2,023.02	\$ 2,023.02
2213937-1-SR1	FXO GATEWAY 8-PORT	3	\$ 1,778.92	\$ 5,336.76
2213939-1-SR1	FXS GATEWAY 8-PORT	3	\$ 1,778.92	\$ 5,336.76
04000-00180	SW SPT ANALOG GATEWAY 5YR	6	\$ 394.74	\$ 2,368.44
04000-11040	FIREWALL S1104 APPL	1	\$ 2,731.09	\$ 2,731.09
04000-11045	WARR FIREWALL S1104 5YR	1	\$ 3,190.79	\$ 3,190.79
809800-00201	VPN CFG SVCS	1	\$ 263.16	\$ 263.16
809800-00200	CFG NTWK DEVICE	1	\$ 175.00	\$ 175.00
-	Peripherals & Equipment Racks	-	\$ -	\$ -
06500-55053	EQUIPMENT RACK 19IN	1	\$ 370.89	\$ 370.89
04000-004B4	KVM 4-PORT SWITCH	1	\$ 596.12	\$ 596.12
04000-00612	CBL KVM PS/2 CONSOLE	1	\$ 37.76	\$ 37.76
04000-60614	CBL KVM PS/2 PC	4	\$ 75.52	\$ 302.08
04000-RMM19	BRKT 19IN RACK MTG/ARBTR	1	\$ 43.16	\$ 43.16
-	Aurora 2.1 - Standard MIS System	-	\$ -	\$ -
873399-00102.1	AURORA 2.1 DOC/MED	1	\$ -	\$ -
873391-00501	AURORA STD LIC	1	\$ 2,697.37	\$ 2,697.37
873391-00301	AURORA USER LIC	1	\$ 1,011.51	\$ 1,011.51
04000-00339	SQL 2008R2 CAL RUN ENT	1	\$ 237.37	\$ 237.37
873391-00201	AURORA COLLECTION LIC	6	\$ 1,078.95	\$ 6,473.70
809800-03305	AURORA STD SPT 5YR	6	\$ 631.58	\$ 3,789.48
-	Aurora Optional Modules	-	\$ -	\$ -
873391-00901	AURORA ADV RPT PKG LIC	1	\$ 4,720.39	\$ 4,720.39
-	Aurora Server Equipment	-	\$ -	\$ -
-	DL380 Server Equipment	-	\$ -	\$ -
62040-J163841	SVR RACK DL380P/G8	1	\$ 4,495.17	\$ 4,495.17
06500-00201	2-POST RELAY RACKMNT KIT	1	\$ 230.63	\$ 230.63
64000-20064	HARD DRIVE 300GB SAS 10K	4	\$ 592.08	\$ 2,368.32
-	Note: Configure server with R10 (4 x 300GB) and 12GB RAM. Server is configured for up to 250,000 calls per year.	-	\$ -	\$ -
64000-40094	8GB RAM ML350P/DL380P/G8	1	\$ 337.17	\$ 337.17
62033-1GB2T02	SVR NAS 2TB BNDL	1	\$ 1,251.58	\$ 1,251.58
63002-172805	MNTR W/SPKR NEC 17IN	1	\$ 295.37	\$ 295.37
04000-00396	SVR WIN 2008 + 5 CAL	1	\$ 1,153.13	\$ 1,153.13
04000-00340	SQL 2008R2 SVR RUN ENT	1	\$ 93.07	\$ 93.07
04000-00426	PRESENT TENSE CLIENT	1	\$ 74.19	\$ 74.19
809800-01416	MIS SVR CFG	1	\$ 657.89	\$ 657.89
-	Peripherals & Equipment Racks	-	\$ -	\$ -

Prices do not include charges for taxes, duties, tariffs, telecommunication services, or professional services such as Centurion Maintenance or Managed Network Services.



JCW Pricing Tool 5.39

Quote Number# -

Account Manager: Kelly Curd

Customer Legal Name: E911 City of Danville Customer Billing Name: E911 City of Danville Customer Address: PO BOX 3300 , DANVILLE, VA 24543-3300 Date Prepared: January 22, 2014 Quote Expires: March 23, 2014 Quote Number: -				Centurion Maintenance Coverage: <u>Extended</u> Contract Term: 48			
QTY	Item	Total Non-Recurring Price	Annual Price - Year 1	Annual Price - Year 2+	Total Annual Price - Y1	Total Annual Price - Y2+	Total Term Price
	CPE - (Includes Shipping and Misc costs)	\$ 222,808.13			\$ 15,559.92	\$ 46,679.88	\$ 62,239.80
	Labor	\$ 38,570.40					
	On-Site Tech		\$ -	\$ -			
	Vendor Support	\$ -	\$ -	\$ -			
Total Prices		\$ 261,378.53	\$ -	\$ -	\$ 15,559.92	\$ 46,679.88	\$ 62,239.80

Prices shown on this page represent recurring and nonrecurring charges for items as described. These prices do not include recurring or nonrecurring charges for taxes, duties, tariffs, or telecommunication services.



CENTURYLINK
CenturyLink Centurion Maintenance

Customer Legal Name: E911 City of Danville
 Customer Billing Name: E911 City of Danville
 PO BOX 3300
 DANVILLE
 VA , 24543-3300
 Quote-Build #: ---

Valid Until March 23, 2014
 Contract Term: 48 Months

All Services listed on this Quote are governed by the Standard Terms and Conditions for Communications Services and the CenturyLink™ Centurion Maintenance Service Annex, both posted to http://about.centurylink.com/legal/rates_conditions.html.

Engineer Selected

Part Number	Description	Quantity	Annual Standard Rate		Annual Extended Rate				
			Unit	Total	Unit	Total			
-	-	-	\$ -	\$ -	\$ -	\$ -			
873099-00104.0	SENT 4.0 S-SWITCH L/D/M	2	\$ 6,483.30	\$ 12,966.60	\$ 7,779.96	\$ 15,559.92			
873099-03002	R4 CAD INTF LIC	2	\$ -	\$ -	\$ -	\$ -			
04000-01584	BLKBX TL158A-R4 DATACAST	1	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
853031-MLSVRSGL	R4 ML SVR BNDL - SGL	1	\$ -	\$ -	\$ -	\$ -			
63002-172805	MNTR W/SPKR NEC 17IN	1	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
873099-00360U	SENT 4 SEAT UPGD LIC	6	\$ -	\$ -	\$ -	\$ -			
809800-35130	R4 SW SPT TRNSFR	1	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
61000-409603SFF	WKST HP Z220 SFF	6	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
63000-202502	MNTR FP WIDE SCR LCD 20IN	6	\$ -	\$ -	\$ -	\$ -			
64007-50016	KEYPAD 24KEY 12FT CBL	6	\$ -	\$ -	\$ -	\$ -			
853004-00401	SAM EXT SPKR KIT	6	\$ -	\$ -	\$ -	\$ -			
853030-00302	R4 SAM HDWR KIT	6	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
873099-00502U	R4 IRR LIC/DOC/MED UPGD	6	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
04000-29616	SWITCH 2960 + CBL 24-PORT	2	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
04000-31500	ALARM PNL PCI	1	\$ -	\$ -	\$ -	\$ -			
2213937-1-SR1	FXO GATEWAY 8-PORT	3	\$ -	\$ -	\$ -	\$ -			
2213939-1-SR1	FXS GATEWAY 8-PORT	3	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
04000-11040	FIREWALL S1104 APPL	1	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
06500-55053	EQUIPMENT RACK 19IN	1	\$ -	\$ -	\$ -	\$ -			
04000-004B4	KVM 4-PORT SWITCH	1	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
04000-RMM19	BRKT 19IN RACK MTG/ARBITR	1	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
873399-00102.1	AURORA 2.1 DOC/MED	1	\$ -	\$ -	\$ -	\$ -			
873391-00501	AURORA STD LIC	1	\$ -	\$ -	\$ -	\$ -			
873391-00301	AURORA USER LIC	1	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
873391-00201	AURORA COLLECTION LIC	6	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
873391-00901	AURORA ADV RPT PKG LIC	1	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
62040-J163841	SVR RACK DL380P/G8	1	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
64000-20064	HARD DRIVE 300GB SAS 10K	4	\$ -	\$ -	\$ -	\$ -			
-	-	-	\$ -	\$ -	\$ -	\$ -			
64000-40094	8GB RAM ML350P/DL380P/G8	1	\$ -	\$ -	\$ -	\$ -			



Customer Legal Name:	E911 City of Danville
Customer Billing Name:	E911 City of Danville
Site Address 1:	PO BOX 3300
Site Address 2:	
City:	DANVILLE
State:	VA
Zip:	24543-3300

Contact Name:	CHRIS LOVELL
Phone Number:	-
E-Mail:	-

Account Manager:	Kelly Curd
Sales Engineer Name:	Tommy Thompson
Sales Engineer E-Mail:	tommy.h.thompson@centurylink.com

Quote Number:	-
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Project Description

Notes



10/10/14

The Sentinel Patriot system that you have today is an older platform and is being replaced by Vesta 4 by Airbus Communications. The current workstations you have are on WIN XP and this OS went End of Life and is now End of Support as of April 2014. These cannot be upgraded, they will need to be replaced with new workstations with WIN 7. The current servers you have are on WIN 2003, this also is End of Life and will be End of Support in July 2015. Again, these servers cannot be upgraded, they will be replaced with WIN 2008 servers. Another point is that the technical lifecycle of these machines is usually 3-5 years, as they are constantly in use 24/7. If I can be of any further assistance, please don't hesitate to contact me.

Thanks,

Paul Winstead

Sales Engineer II

office 252-212-3633

mobile 252-450-5734