

**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](mailto: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

King William County PSAP Console Enhancements

### GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: King William County Emergency Communications Center

CONTACT TITLE: Sheriff

CONTACT FIRST NAME: Jeff

CONTACT LAST NAME: Walton

ADDRESS 1: 351 Courthouse Lane

ADDRESS 2: P.O. Box 98

CITY: King William, VA

ZIP CODE: 23086

CONTACT EMAIL: kwso@kingwilliamcounty.us

CONTACT PHONE NUMBER: 804-769-0999

CONTACT MOBILE NUMBER: 1T

CONTACT FAX NUMBER: 804-769-0334

REGIONAL COORDINATOR: Sam Keys

### HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

<b>King William County</b>	

### GRANT TYPE

- Individual PSAP
- Consolidation
- Regional Initiative
- 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- Technically Outdated\*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**If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.**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 RADIO CONSOLES**

**If "Other" selected, please specify: 1T**

**FINANCIAL DATA**

Amount Requested: \$ 150,000

Total Project Cost: \$ 390,185

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:

King William County is requesting grant funds in the amount of \$150,000 to help defray the cost of acquiring and implement new radio consoles in its Emergency Communications Center. The new consoles will greatly enhance the capabilities of the center as well as improve the safety of first responders in the field.



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

The County of King William will sustain the project by performing maintenance and upkeep on the equipment past the life of the grant using local funds. No grant funds will be necessary for sustainment of the project.

## 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.

King William County has identified a need to upgrade its public safety communications system. The current system is a low-band VHF system that does not allow King William County to have interoperable communications with any of its surrounding localities or state agency partners. King William County has further identified that the most cost-effective solution for developing a new radio system is to become a subscriber of an existing radio system whose coverage footprint best extends over the area of the county. Hanover County's digital 800 megahertz Project25-compliant public safety radio system provides coverage into King William County, and Hanover has expressed its willingness to enter into a subscriber agreement with King William County to allow its public safety agencies to use the Hanover County radio system.

The cost of subscribing to the system will be an annual fee paid to Hanover County by King William County. That cost will be absorbed by King William County using local funds. King William County will also purchase Motorola MCC 7500 consoles for its Emergency Communications Center (ECC). These consoles will be linked with both UHF and VHF control stations to give ECC staff the ability to "patch" multiple talkgroups and channels of disparate bands together for interoperability. In addition, the consoles will allow ECC staff to be instantly aware of any unit with an emergency activation. Currently, King William ECC does not have the ability to create console patches or to recognize emergency activations. Development of these two capabilities will greatly enhance the center's functionality.

The total cost of the acquisition of the consoles is approximately \$390,185. King William County is requesting grant funds in the amount of \$150,000 to defray the cost of the acquisition and implementation of the MCC 7500 consoles. The project will be managed as a component of the County's overall radio system upgrade.



**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"/> <b>INITIATION</b> (Project approved by appropriate stakeholders)	12/31/12
<input checked="" type="checkbox"/> <b>DESIGN/PLANNING</b> (Project, system, or solution requirements are developed)	02/28/13
<input checked="" type="checkbox"/> <b>ACQUISITION</b> (Selected system or solution is procured)	03/31/13
<input checked="" type="checkbox"/> <b>IMPLEMENTATION</b> (Selected system or solution is configured and installed)	04/30/13
<input checked="" type="checkbox"/> <b>TESTING/COMPLETION</b> (Selected system or solution is tested and put in production)	5/31/13

Identify the longevity or sustainability of the project.

The consoles slated to be installed in the Emergency Communications Center are upgradeable over time as technology evolves. The basic console platform is expected to have a service life of twenty years. Sustainment and maintenance costs will be paid for using local funds.



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

Interoperability between PSAPS's is a critical component of the Statewide Comprehensive 911 Plan. The implementation of these consoles and the related equipment will allow the King William County ECC to have direct communications interoperability with the PSAP's of every locality that borders King William (Hanover, Caroline, New Kent, and King and Queen).

**REGIONAL INITIATIVE (if applicable)**

The relationship of the initiative to the participating PSAPs:

N/A

Intended collaborative efforts:

N/A



Resource sharing:

N/A

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

N/A

**CONSOLIDATION (Primary or Secondary) - (if applicable)**

How would a consolidation take place and provide improved service:

N/A

How should it be organized and staffed:

N/A



What services should it perform:

N/A

How should policies be made and changed:

N/A

How should it be funded:

N/A

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

N/A



## 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:

4 MCC 7500 consoles & associated hardware      \$390,185

Full price list from vendor attached.



**EVALUATION**

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

The results of the project will be evaluated by statistical and technical data collected by logging systems integrated with the consoles, as well as by surveys completed by end users regarding system performance and how well the system provides interoperability to personnel in the field. The data, both subjective and objective, will be evaluated by both King William County officials to determine the effectiveness of the system at meeting the communications needs of both internal and external customers.



## 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"

Item Num	Qty	Model Number	Item Description	Unit APC	Unit List Price
			MCC7500 DISPATCH CONSOLE EQUIPMENT-ECC		
1	1	B1905	MCC 7500 ASTRO 25 SOFTWARE	443	\$ 250.00
2a	4	B1933	MOTOROLA VOICE PROCESSOR MODULE	443	\$ 11,920.00
2b	4	CA01642AA	ADD: MCC 7500 BASIC CONSOLE SFTWR LIC.	443	\$ 12,000.00
2c	4	CA01644AA	ADD: MCC 7500 ADV CONVL OPERATION	443	\$ 3,000.00
2d	4	CA01643AA	ADD: MCC 7500 / MCC 7100 TRUNKING OPER.	443	\$ 5,000.00
2e	4	CA00147AF	ADD: MCC 7500 SECURE OPERATION	443	\$ 3,250.00
2f	4	CA00143AC	ADD: DES-OFB ALGORITHM	443	\$ 750.00
2g	4	CA00182AB	ADD: AES ALGORITHM	443	\$ 750.00
2h	4	CA00140AA	ADD: AC LINE CORD, NORTH AMERICAN	443	\$ -
3	4	DS22WBLK	22" WIDE FORMAT LCD MONITOR BLACK	708	\$ 3,299.00
4	4	TT2312	Z400 MID TIER WITH WINDOWS 7 (64-BIT)	708	\$ 3,000.00
5	4	T7448	WINDOWS SUPPLEMENTAL FULL CONFIG	877	\$ 50.00
6	4	DSRMP615A	SPD, TYPE 3, 120V RACK MOUNT, 15A PLUG-IN	207	\$ 298.00
7	8	B1912	MCC SERIES DESKTOP SPEAKER	443	\$ 450.00
8	4	B1914	MCC SERIES DESKTOP GOOSENECK MIC	443	\$ 250.00
9	8	B1913	MCC SERIES HEADSET JACK	443	\$ 200.00
10	8	RLN6098	HDST MODULE BASE W/PTT, 15' CBL	706	\$ 210.00
11	8	RMN5077A	SUPRAPLUS SINGLE MUFF HEADSET	706	\$ 110.00
12	4	DSTWIN6328A	PROVIDES ONE DUAL PEDAL FOOTSWITCH	708	\$ 273.00
13	4	DDN9979	SYMANTEC ENDPOINT PROTECTION V11.0 LIC	708	\$ 75.00
14	4	DDN9617	SW BASED DUAL IRR USB HASP WITH LICENSE	229	\$ 2,648.00
15	4	DDN6493	SOUND CARD AUDIGY SE	708	\$ 159.00
16	4	CDN6673	CREATIVE LABS INSPIRE A60	708	\$ 46.00
17	2	CLN1836	2610-24 ETHERNET SWITCH	147	\$ 2,250.00
18	2	SQM01SUM0205	GGM 8000 GATEWAY	147	\$ 4,200.00
18a	2	CA01616AA	ADD: AC POWER	147	\$ -
19	1	F4543	SITE MANAGER BASIC	469	\$ 1,855.00
19a	1	VA00328	SDM3000 MCC 7500 AUX IO F/W FOR A7.9	469	\$ 175.00
19b	1	V266	ADD: 90VAC TO 260VAC PS TO SM	469	\$ 120.00
19c	3	V592	AAD TERM BLCK & CONN WI	469	\$ 90.00
20	1	T7038	GCP 8000 SITE CONTROLLER	112	\$ 3,000.00

Item Num	Qty	Model Number	Item Description	Unit APC	Unit List Price
20a	1	CA00303AA	ADD: QTY (1) SITE CONTROLLER	112	\$ 5,000.00
20b	1	X153AW	ADD: RACK MOUNT HARDWARE	112	\$ 50.00
20c	1	CA01136AA	ADD: MCC 7500 CONVEN SITE OPER	595	\$ 4,000.00
21	2	SQM01SUM0205	GGM 8000 GATEWAY	147	\$ 4,200.00
21a	2	CA01616AA	ADD: AC POWER	147	\$ -
21b	2	CA01618AA	ADD: CONV CHAN GATEWAY	147	\$ 2,000.00
22	1	B1905	MCC 7500 ASTRO 25 SOFTWARE	443	\$ 250.00

23	1	B1933	MOTOROLA VOICE PROCESSOR MODULE	443	\$ 11,920.00
23	1	CA00288AB	ADD: MCC 7500 ARCHIVING INTFCE SFTWAR LIC	443	\$ 15,060.00
23a	1	CA00147AF	ADD: MCC 7500 SECURE OPERATION	443	\$ 3,250.00
23b	1	CA00143AC	ADD: DES-OFB ALGORITHM	443	\$ 750.00
23c	1	CA00182AB	ADD: AES ALGORITHM	443	\$ 750.00
23d	1	CA00140AA	ADD: AC LINE CORD, NORTH AMERICAN	443	\$ -
24	1	DDN9979	SYMANTEC ENDPOINT PROTECTION V11.0 CORP	708	\$ 75.00
25	1	TT2312	Z400 MID TIER WITH WINDOWS 7 (64-BIT)	708	\$ 3,000.00
26	1	TT1092	MCC 7500 30 SIMULTANEOUS CALL IP RECORDER	229	\$ 84,000.00
26	1	TT05231AA	ADD: IP LOGGING RECORDER 7.9 SYSTEMS	229	\$ -
27	1	DDN9748	19 INCH BLACK SHELF	207	\$ 249.00
28	1	DDN9979	SYMANTEC ENDPOINT PROTECTION V11.0	708	\$ 75.00
29	1	TT2313	Z400 LOW TIER WITH WINDOWS 7 (64-BIT)	708	\$ 2,550.00
30	1	DDN9992	HP LE1901W 19 INCH WIDE LCD MONITOR	041	\$ 250.00
31	1	DDN8504	SOFTWARE INSTALL PER WORKSTATION	229	\$ 409.00
32	1	T7448	WINDOWS SUPPLEMENTAL FULL CONFIG	877	\$ 50.00
33	1	DDN9979	SYMANTEC ENDPOINT PROTECTION V11.0	708	\$ 75.00
34	1	TT2517	16 CHANNEL NPX BUNDLE	229	26,847.00
34a	1	DDN1112	ADDING 2ND LOGGER/DB TO INFORM LITE	229	6,358.00
35	1	TT1984	NICESTORAGE CENTER - 50 CHANNEL	229	\$ 39,000.00
36	1	CDN6673	CREATIVE LABS INSPIRE A60	708	\$ 46.00
37	1	DDN9748	19 INCH BLACK SHELF	207	\$ 249.00
38	3	TRN7343	SEVEN AND A HALF FOOT RACK	509	\$ 495.00
39	3	DSOP820B	PDU, 120V HARDWIRE (8) 20A OUTLET PDU	207	\$ 990.00
40	2	DSTSJ100BT	SPD, RJ-48 CONNECTED FOR T1/E1, 10/100BT	207	\$ 154.00

Item Num	Qty	Model Number	Item Description	Unit APC	List Price
41	1	DSTSJADP	RACK MOUNT GROUND BAR, 19 IN FOR TSJ	207	\$ 88.00
42	1	B1912	MCC SERIES DESKTOP SPEAKER	443	\$ 450.00
43	1	B1914	MCC SERIES DESKTOP GOOSENECK MIC	443	\$ 250.00
44	1	B1913	MCC SERIES HEADSET JACK	443	\$ 200.00
45	1	TT2312	Z400 MID TIER WITH WINDOWS 7 (64-BIT)	708	\$ 3,000.00
46	1	B1934	MCC 7500 VOICE PROCESSOR MODULE FRU	443	\$ 11,830.00
46a	1	CA00147AF	ADD: MCC 7500 SECURE OPERATION	443	\$ 3,250.00
46b	1	CA00143AC	ADD: DES-OFB ALGORITHM	443	\$ 750.00
46c	1	CA00182AB	ADD: AES ALGORITHM	443	\$ 750.00
47	1	CLN1836	2610-24 ETHERNET SWITCH	147	\$ 2,250.00

Extended List Price	Disc. %	Unit Contract Price	Extended Contract Price
\$ 250.00	20%	\$ 200.00	\$ 200.00
\$ 47,680.00	20%	\$ 9,536.00	\$ 38,144.00
\$ 48,000.00	20%	\$ 9,600.00	\$ 38,400.00
\$ 12,000.00	20%	\$ 2,400.00	\$ 9,600.00
\$ 20,000.00	20%	\$ 4,000.00	\$ 16,000.00
\$ 13,000.00	20%	\$ 2,600.00	\$ 10,400.00
\$ 3,000.00	20%	\$ 600.00	\$ 2,400.00
\$ 3,000.00	20%	\$ 600.00	\$ 2,400.00
\$ -	20%	\$ -	\$ -
\$ 13,196.00	8%	\$ 3,035.08	\$ 12,140.32
\$ 12,000.00	8%	\$ 2,760.00	\$ 11,040.00
\$ 200.00	20%	\$ 40.00	\$ 160.00
\$ 1,192.00	8%	\$ 274.16	\$ 1,096.64
\$ 3,600.00	20%	\$ 360.00	\$ 2,880.00
\$ 1,000.00	20%	\$ 200.00	\$ 800.00
\$ 1,600.00	20%	\$ 160.00	\$ 1,280.00
\$ 1,680.00	20%	\$ 168.00	\$ 1,344.00
\$ 880.00	20%	\$ 88.00	\$ 704.00
\$ 1,092.00	8%	\$ 251.16	\$ 1,004.64
\$ 300.00	8%	\$ 69.00	\$ 276.00
\$ 10,592.00	20%	\$ 2,118.40	\$ 8,473.60
\$ 636.00	8%	\$ 146.28	\$ 585.12
\$ 184.00	8%	\$ 42.32	\$ 169.28
\$ 4,500.00	20%	\$ 1,800.00	\$ 3,600.00
\$ 8,400.00	20%	\$ 3,360.00	\$ 6,720.00
\$ -	20%	\$ -	\$ -
\$ 1,855.00	8%	\$ 1,706.60	\$ 1,706.60
\$ 175.00	8%	\$ 161.00	\$ 161.00
\$ 120.00	8%	\$ 110.40	\$ 110.40
\$ 270.00	8%	\$ 82.80	\$ 248.40
\$ 3,000.00	20%	\$ 2,400.00	\$ 2,400.00

Extended List Price	Disc. %	Unit Contract Price	Extended Contract Price
\$ 5,000.00	20%	\$ 4,000.00	\$ 4,000.00
\$ 50.00	20%	\$ 40.00	\$ 40.00
\$ 4,000.00	20%	\$ 3,200.00	\$ 3,200.00
\$ 8,400.00	20%	\$ 3,360.00	\$ 6,720.00
\$ -	20%	\$ -	\$ -
\$ 4,000.00	20%	\$ 1,600.00	\$ 3,200.00
\$ 250.00	20%	\$ 200.00	\$ 200.00

\$ 11,920.00	20%	\$ 9,536.00	\$ 9,536.00
\$ 15,060.00	20%	\$ 12,048.00	\$ 12,048.00
\$ 3,250.00	20%	\$ 2,600.00	\$ 2,600.00
\$ 750.00	20%	\$ 600.00	\$ 600.00
\$ 750.00	20%	\$ 600.00	\$ 600.00
\$ -	20%	\$ -	\$ -
\$ 75.00	8%	\$ 69.00	\$ 69.00
\$ 3,000.00	8%	\$ 2,760.00	\$ 2,760.00
\$ 84,000.00	8%	\$ 77,280.00	\$ 77,280.00
\$ -	8%	\$ -	\$ -
\$ 249.00	8%	\$ 229.08	\$ 229.08
\$ 75.00	8%	\$ 69.00	\$ 69.00
\$ 2,550.00	8%	\$ 2,346.00	\$ 2,346.00
\$ 250.00	8%	\$ 230.00	\$ 230.00
\$ 409.00	8%	\$ 376.28	\$ 376.28
\$ 50.00	20%	\$ 40.00	\$ 40.00
\$ 75.00	8%	\$ 69.00	\$ 69.00
\$ 26,847.00	8%	\$ 24,699.24	\$ 24,699.24
\$ 6,358.00	8%	\$ 5,849.36	\$ 5,849.36
\$ 39,000.00	8%	\$ 35,880.00	\$ 35,880.00
\$ 46.00	8%	\$ 42.32	\$ 42.32
\$ 249.00	8%	\$ 229.08	\$ 229.08
\$ 1,485.00	20%	\$ 396.00	\$ 1,188.00
\$ 2,970.00	8%	\$ 910.80	\$ 2,732.40
\$ 308.00	8%	\$ 141.68	\$ 283.36

Extended List Price	Disc. %	Unit Contract Price	Extended Contract Price
\$ 88.00	8%	\$ 80.96	\$ 80.96
\$ 450.00	20%	\$ 360.00	\$ 360.00
\$ 250.00	20%	\$ 200.00	\$ 200.00
\$ 200.00	20%	\$ 160.00	\$ 160.00
\$ 3,000.00	8%	\$ 2,760.00	\$ 2,760.00
\$ 11,830.00	20%	\$ 9,464.00	\$ 9,464.00
\$ 3,250.00	20%	\$ 2,600.00	\$ 2,600.00
\$ 750.00	20%	\$ 600.00	\$ 600.00
\$ 750.00	20%	\$ 600.00	\$ 600.00
\$ 2,250.00	20%	\$ 1,800.00	\$ 1,800.00
Total:			\$ 390,185.08