



FY17

PSAP GRANT PROGRAM APPLICATION





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HOW TO APPLY/DEADLINE

The grant application is available and accessible from VITA ISP'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 FY17 PSAP Grant Application Cycle starts July 1, 2015 and concludes on September 30, 2015 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.



FY17 PSAP GRANT APPLICATION

PROJECT TITLE

Chesapeake VESTA system upgrade, Text to 911

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Chesapeake Police Communications

CONTACT TITLE: 9-1-1 Coordinator

CONTACT FIRST NAME: Thomas

CONTACT LAST NAME: Foster

ADDRESS 1: Chesapeake Police Department

ADDRESS 2: 304 Albemarle Drive

CITY: Chesapeake

ZIP CODE: 23322

CONTACT EMAIL: tfoster@cityofchesapeake.net

CONTACT PHONE NUMBER: 757-382-8746

CONTACT MOBILE NUMBER: 757-240-1940

CONTACT FAX NUMBER: 757-382-6149

REGIONAL COORDINATOR: Lyle Hornbaker

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

_____	_____
_____	_____
_____	_____
_____	_____

GRANT TYPE

Individual PSAP

Shared Services



TIER

- | | |
|--|--|
| <input type="checkbox"/> Out of Service | <input type="checkbox"/> Non-Vendor Supported* |
| <input type="checkbox"/> Technically Outdated* | <input type="checkbox"/> Strengthen |
| <input checked="" type="checkbox"/> Not Applicable | |

If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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 TEXT-TO-911

If "Other" selected, please specify: 2T

FINANCIAL DATA

Amount Requested: \$ 75,482.86

Total Project Cost: \$ 75,482.86

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 is ranked as priority # 40 on the Virginia E-911 Service Board list of grant projects. The City of Chesapeake will upgrade its current 9-1-1 call processing system to allow for text to 911. .



This is the next step in the evolution of Chesapeake's PSAP towards NG 9-1-1 and realizing the vision of the Virginia Statewide Comprehensive Plan.

Instead of having to rely on third party access to 9-1-1 call centers that could delay the emergency response process, this interim SMS text-to-9-1-1 solution allows direct access to 9-1-1 telecommunicators for individuals who are deaf, hard of hearing, or have speech disabilities, and possibly save lives in other dangerous situations where voice calls are not possible.

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

This VESTA SMS solution for Short Message Service (SMS) to 9-1-1 capability will become part of our strategic plan for Chesapeake's 9-1-1 Operation. As such, we will work with the manufacturer to comply with industry standards for maintenance and replacement. The City of Chesapeake requires all information technology systems have an identified funding source for required maintenance, prior to procurement. As such, the City would be obligated to the maintenance cost for the system upgrade. The funding source is supported through 9-1-1 revenue and supplemented as required by the City's general funds.



COMPREHENSIVE PROJECT DESCRIPTION

Identify the longevity or sustainability of the project.

This enhanced functionality of the City's 9-1-1 call processing system is the next step in the evolution of Chesapeake's PSAP towards NG 9-1-1 and realizing the vision of the Virginia Statewide Comprehensive Plan. SMS has been available for some time in carrier networks for general texting support. As such, the necessary standards and capabilities already exist and are in use. SMS is viewed as the most easily and quickly adaptable method to support a text-to-9-1-1 service and will only become more functional in the future.

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

This project supports the Statewide Comprehensive 9-1-1 Plan by preparing the City of Chesapeake's PSAP for the next step in the evolution of 9-1-1 service delivery through text to 9-1-1. This is a crucial step towards NG 9-1-1 and preparing the PSAP for connectivity to the State's IP Backbone.



SHARED SERVICES (if applicable)

The relationship of the project to the participating PSAPs:

N/A

Intended collaborative efforts:

N/A

Resource sharing:

N/A



How does the project impact the operational or strategic plans of the participating agencies:

N/A

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

N/A



**PROJECT TIMELINE FOR
SHARED SERVICES & INDIVIDUAL PSAP APPLICATIONS:**

For each applicable phase of the project, indicate the estimated completion date. Sample activities for each phase are included.

PROJECT PHASE	ESTIMATED COMPLETION DATE
<input type="checkbox"/> INITIATION (Project approved by appropriate stakeholders) Sample activities: 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, and budgetary estimates are obtained	XX / XX / XX
<input type="checkbox"/> DESIGN/PLANNING (Project, system, or solution requirements are developed) Sample activities: requirements are documented, components to be purchased are identified, and general design is documented	XX / XX / XX
<input checked="" type="checkbox"/> ACQUISITION (Selected system or solution is procured) Sample activities: RFP (or other bid related processes) are drafted, proposals are evaluated, contract is signed, purchase orders are issued, and quotes are obtained	10 / 30 / 16
<input type="checkbox"/> IMPLEMENTATION (Selected system or solution is configured and installed) Sample activities: purchased components are delivered and installed and training is performed	11 / 30 / 16
<input type="checkbox"/> TESTING/COMPLETION (Selected system or solution is tested and put in production) Sample activities: performance of system/solution is validated and system/solution goes "live"	01 / 30 / 17



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.

See attached quote from Carousel Industries.

EVALUATION

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

Success of the program will be ensured through structured training of all Telecommunicators employed by the City of Chesapeake. The City will provide media announcements to the general public advertising the addition of text to 9-1-1 within the City's Emergency Communication Center. The information provided will inform the citizenry the necessary information on how and when text to 9-1-1 should be used. Telecommunicators will conduct weekly test texts to ensure proficiency and system functionality and texts received will be evaluated and measured by statistical analysis comparing accidental to actual 9-1-1 texts.



CONSOLIDATION (Primary or Secondary) - (complete only 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



Proposal For: City of Chesapeake, VA

Solution Proposed VESTA SMS Upgrade

Date: September 23, 2015

Contract # Chesapeake 13-071-958-89 (RFP 12-82E)

Multi-Site Summary

Pricing is valid for 90 days

City of Chesapeake - Side A	\$56,511.43
City of Chesapeake Backup	\$18,971.43

Total Solution: \$75,482.86



Proposal For: City of Chesapeake, VA

Solution Proposed: VESTA SMS Upgrade

Site Name: City of Chesapeake - Side A

Date: September 23, 2015

VESTA® 9-1-1 R6 Upgrade

Qty.	Part No.	Description	Unit Price	U/M	Total
		VESTA® 9-1-1 R6 Upgrade			
1	870899-0104R6.0U	VESTA 9-1-1 L/D/M UPGD	\$0.00	EA	\$0.00
1	870891-66301	VESTA 9-1-1 SMS LIC	\$0.00	EA	\$0.00
		SMS Equipment			
		<i>Note: Customer is responsible for Text Control Center (TCC) services and network charges.</i>			
1	03800-03040	FIREWALL MODEM 60D	\$621.43	EA	\$621.43
1	03800-03041	WAR FIREWALL 60D 1YR	\$212.86	EA	\$212.86
1	809800-00200	CFG NTWK DEVICE	\$190.00	EA	\$190.00
		VESTA® Servers			
		<i>Note: Existing servers will be used.</i>			
		VESTA 9-1-1 R6 Standalone SMS Server Bundles			
1	853031-SMS-1	V-SMS DED SVR BNDL	\$14,795.71	EA	\$14,795.71
1	04000-68005	V-SVR BASIC SPT 1YR	\$135.71	EA	\$135.71
		VESTA® Workstation Equipment			
		<i>Note: Existing Z220 workstations will be used.</i>			
		Peripherals & Gateways			
		<i>Noe: Existing peripheral equipment will be used.</i>			
		<i>SMS server will use existing 19in rack, server monitor and keyboard/mouse.</i>			
VESTA® 9-1-1 R6 Upgrade Subtotal					\$15,955.71

VESTA™ Analytics

Qty.	Part No.	Description	Unit Price	U/M	Total
		VESTA™ Analytics - Standard Multi Product Purchase			
1	873399-00102.4U	V-ANLYT 2.4 D/M UPGD	\$0.00	EA	\$0.00
1	873391-00501U	V-ANLYT STD LIC UPGD	\$0.00	EA	\$0.00
		VESTA™ Analytics Server Equipment			
		<i>Note: Existing server will be used. Analytics server to be upgraded. Based on an annual call volume not to exceed 500,000. If the annual call volume exceeds this amount a revised quote is required.</i>			
2	64000-20064	HD DRIVE 300GB SAS 10K G8	\$627.14	EA	\$1,254.29
VESTA™ Analytics Subtotal					\$1,254.29

Managed Services

Qty.	Part No.	Description	Unit Price	U/M	Total
		Monitoring & Response License & Support Fees			
2	871499-01210	M&R 3.0 IP DEVICES LIC	\$101.43	EA	\$202.86
		<i>Note: Includes (1) Mgmt/Node VM, (1) Firewalls for EIM/SMS</i>			
2	809800-16166	M&R 3.0 IP DEV SRVC 1YR	\$514.29	EA	\$1,028.57
Managed Services Subtotal					\$1,231.43



Extended Warranties

Qty.	Part No.	Description	Unit Price	U/M	Total
1		Server Extended Warranty			
		<i>Note: Includes (1) VESTA® SMS Server</i>			
	04000-01573	WARR 24X7 DL120G9 5YR	\$1,784.29	EA	\$1,784.29
		<i>Note: Upgrade & uplift from 3YR warranty 9x5 NBD to 5YRs, 24x7, 4 hour response time.</i>			
Extended Warranties Subtotal					\$1,784.29

Airbus DS Communications Services

Qty.	Part No.	Description	Unit Price	U/M	Total
128		Field Engineering Services			
	809800-17101	FIELD ENG-PRIMARY	\$142.86	UN	\$18,285.71
1		Training			
	000001-06800	V9-1-1 SMS ADMIN DELTA TR	\$1,714.29	EA	\$1,714.29
		<i>Note: VESTA® 9-1-1 SMS Admin Delta training for system administrators. Includes (1) 1/2 day class for up to 8 students. Includes trainer's daily training expenses and travel.</i>			
7		V9-1-1 SMS AGENT DELTA TR	\$857.14	EA	\$6,000.00
	000001-06801				
		<i>Note: VESTA® 9-1-1 SMS Agent Delta training for agents. Includes (1) 2 hour class for up to 8 students. Includes trainer's daily training expenses and travel.</i>			
Airbus DS Communications Services Subtotal					\$26,000.00

Summary

Qty	Product Code	Product Description	Ext. Price
1		VESTA® 9-1-1 R6 Upgrade	\$15,955.71
1		VESTA™ Analytics	\$1,254.29
1		Managed Services	\$1,231.43
1		Extended Warranties	\$1,784.29
1		Airbus DS Communications Services	\$26,000.00
1		Carousel Industries Installation	\$6,857.14
1		Carousel Industries - Project Management	\$3,428.57

Pricing is valid for 90 days

Total Equipment & Services Cost: \$56,511.43

Total This Site: \$56,511.43



Proposal For: City of Chesapeake, VA
Solution Proposed: VESTA SMS Upgrade
Site Name: City of Chesapeake Backup
Date: September 23, 2015

VESTA® 9-1-1 R6 Upgrade

Qty.	Part No.	Description	Unit Price	U/M	Total
1	870899-0104R6.0U	VESTA® 9-1-1 R6 Upgrade			
1	870891-66301	VESTA 9-1-1 L/D/M UPGD	\$0.00	EA	\$0.00
		VESTA 9-1-1 SMS LIC	\$0.00	EA	\$0.00
		SMS Equipment			
		<i>Note: Customer is responsible for Text Control Center (TCC) services and network charges.</i>			
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		VESTA® Servers			
		<i>Note: Existing servers will be used.</i>			
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1	04000-68005	V-SVR BASIC SPT 1YR	\$135.71	EA	\$135.71
		Peripherals & Gateways			
		<i>Noe: Existing peripheral equipment will be used.</i>			
		<i>SMS server will use existing 19in rack, server monitor and keyboard/mouse.</i>			
VESTA® 9-1-1 R6 Upgrade Subtotal					\$15,955.71

Managed Services

Qty.	Part No.	Description	Unit Price	U/M	Total
2	871499-01210	Monitoring & Response License & Support Fees			
		M&R 3.0 IP DEVICES LIC	\$101.43	EA	\$202.86
		<i>Note: Includes (1) Mgmt/Node VM, (1) Firewalls for EIM/SMS</i>			
2	809800-16166	M&R 3.0 IP DEV SRVC 1YR	\$514.29	EA	\$1,028.57
Managed Services Subtotal					\$1,231.43

Extended Warranties

Qty.	Part No.	Description	Unit Price	U/M	Total
1	04000-01573	Server Extended Warranty			
		<i>Note: Includes (1) VESTA® SMS Server</i>			
		WARR 24X7 DL120G9 5YR	\$1,784.29	EA	\$1,784.29
		<i>Note: Upgrade & uplift from 3YR warranty 9x5 NBD to 5YRs, 24x7, 4 hour response time.</i>			
Extended Warranties Subtotal					\$1,784.29

Summary

Qty	Product Code	Product Description	Ext. Price
1		VESTA® 9-1-1 R6 Upgrade	\$15,955.71
1		Managed Services	\$1,231.43
1		Extended Warranties	\$1,784.29

Pricing is valid for 90 days

Total Equipment & Services Cost: \$18,971.43

Total This Site: \$18,971.43