FY18

PSAP GRANT PROGRAM APPLICATION

VIRGINIA INFORMATION

TECHNOLOGIES AGENCY

Integrated Services Division

FY18 PSAP GRANT PROGRAM APPLICATION

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 the electronic mailbox for grant applications - psapgrants@vita.virginia.gov. Any supporting documentation must also be submitted along with the application when making your grant application submission.

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 FY18 PSAP Grant Application Cycle starts July 1, 2016 and concludes on September 30, 2016 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.

FY18 PSAP GRANT APPLICATION

PROJECT TITLE

CHE Replacement

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: City of Manassas Park Police Department
CONTACT TITLE: Captain
CONTACT FIRST NAME: Trevor
CONTACT LAST NAME: Reinhart
ADDRESS 1: 329 Manassas Drive
ADDRESS 2: 2T
CITY: Manassas Park
ZIP CODE: 20111
CONTACT EMAIL: t.reinhart@manassasparkva.gov
CONTACT PHONE NUMBER: (703) 335-0644
CONTACT MOBILE NUMBER: (571) 233-8303
CONTACT FAX NUMBER: (703) 330-2591
REGIONAL COORDINATOR: Brian Crumpler

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

GRANT TYPE

☒ Individual PSAP   ☐ Shared Services

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☐ Technically Outdated*   ☐ Strengthen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If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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: VESTA Pallas 2.60 / VCM 400   #

YEARS of HARDWARE/SOFTWARE: 10

PRIORITY/PROJECT FOCUS   CALL HANDLING EQUIPMENT

FINANCIAL DATA

Amount Requested: $ 150,000.00

Total Project Cost: $ 230,814.28

PROJECT DESCRIPTION

Provide a detailed description of the project for which funding is being sought, including the impact on operational services and consequences of not receiving funding; the relationship to local strategic and capital improvement plans; and sustainability:

This project will continue leveraging past mission critical planning for the City of Manassas Park. The City of Manassas Park has utilized our current system for 10 years. By upgrading our CHE Platform the City of Manassas Park will be able to utilize additional technologies that are part of future Mission Critical planning. This project would extend the use of new computer hardware and software for a minimum of five years. The 911 Center understands it is our responsibility to sustain the project and all expenses not covered by grant funds.

The 911 Center is in need of upgrading our existing CHE system that is not vendor supported, is technically outdated and has reached its end of service life. Our existing CHE system (VESTA PALLAS 2.60) and hardware has been in service since 2006. The PALLAS existing XP Operating system is no longer supported by Microsoft. Our CHE system has been in operation since 2006, which is stretching the life of 911 workstation computers and servers in operation 24/7/365. Without immediate replacement of this mission critical CHE system, we are risking system failure which would leave us with the inability to accept emergency wireless and wire line 911 calls from the citizens and visitors of the City of Manassas Park. There are limited local funds available to fund this entire CHE project on our own. If awarded this grant, the City of Manassas Park will be left with the remaining funding to complete the project. The upgrade of our System Hardware and Software will allow for integration of key Text-to-911 and NG911 Services being made readily available. This project will help the City of Manassas Park leverage existing investment as part of our strategic plan while upgrading to the most recent technologies available in CHE equipment.

PROJECT GOAL

Describe how this project addresses locally identified need(s) and supports the Virginia 9-1-1 Comprehensive Plan:

This project will migrate the City of Manassas Park off an antiquated system that is not vendor supported and technically outdated to a more robust platform that will allow for Text-to-911 and NG911 integration. The project will allow for the most recent version of vendor software to be installed and reduce the amount of various platforms deployed across the Commonwealth. This will allow for higher supportability and greater flexibility with additional projects in the future. Without currently available technologies, Manassas Park will quickly fall behind in the ability to meet goals of the Virginia 9-1-1 Comprehensive Plan.

PROJECT OBJECTIVES

Describe the objectives that will support the goals identified above:

The City of Manassas Park acknowledges that currently available technologies would better meet public expectations, including GIS and Text-to-911 capabilities. The City of Manassas Park believes we can position our PSAP to take advantage of these and future technologies by replacing our current VESTA PALLAS CHE system hardware with the Virtualized Airbus DS Communications VESTA 911 CHE system, including the update of current 911 CHE licensing to the most recent VESTA 911 application with the capability to utilize future NG911 technologies. We would also develop an implementation plan upon notification of a funding award.

SHARED SERVICES (if applicable)

Describe the relationship of the project to the participating PSAPs:

2T

Describe the intended collaborative efforts and resource sharing opportunities:

2T

IMPLEMENTATION PLAN
SHARED SERVICES & INDIVIDUAL PSAP APPLICATIONS:

For each applicable phase of the project, indicate the planned completion date.

PROJECT PHASE	PLANNED COMPLETION DATE
INITIATION – 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.	**09 / 30 / 16**
DESIGN/PLANNING - Requirements are documented, components to be purchased are identified, and general design is documented.	**01 / 31 / 17**
ACQUISITION - RFP (or other bid related processes) are drafted, proposals are evaluated, contract is signed, purchase orders are issued, and quotes are obtained.	**03 / 31 / 17**
IMPLEMENTATION - Purchased components are delivered and installed and training is performed	**04 / 31 / 17**
TESTING/COMPLETION - Performance of system/solution is validated and system/solution goes "live"	**08 / 31 / 17**

BUDGET AND BUDGET NARRATIVE

List the planned expenditures to be made with grant funds. 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.

NOTE: In lieu of a line item breakdown, an itemized cost schedule or detailed vendor prepared quote may be submitted as an attachment, but a narrative is still required. 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.

See attached Vendor Quote:
The quoted system includes a turn-key installation of all hardware and software necessary to deploy the CHE system. Additionally all services for implementation, training, testing, and cut live have been included as well as applicable support services and critical spares.

EVALUATION

How will the project as identified in the project description be evaluated and measured for achievement and success:

The system success will be evaluated by the vendor meeting our statement of work and the system handling and routing emergency calls correctly. This includes transferring/accepting calls outside our jurisdictional boundaries. This also includes proper handling of Text to 911 calls for service.

CONSOLIDATION (Primary or Secondary) - (complete only if applicable)

How would a consolidation take place and provide improved service:

2T

How should it be organized and staffed:

2T

What services should it perform:

2T

How should policies be made and changed:

2T

CONSOLIDATION (Primary or Secondary) - (complete only if applicable) – con't

How should it be funded:

2T

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

2T

Proposal For:	**City of Manassas Park - VA**
Solution Proposed	**VESTA Essentials**
Date:	**June 6, 2016**

Site Summary

Design Assumptions- Essential VESTA 9-1-1 in a Standalone Configuration-
Redundant MDS and DDS ML110 servers in a virtualized design

Two (2) VESTA Positions with HP Pro Mini, SAM, IRR and Genovation Keypads

20" Flat Panel LCD Monitors for each Workstation

Two (2) 1820 HP LAN Switches

Two (2) 4-port FXO Gateways for Analog Loop Start POTS/Wet Ringdowns

Two (2) 4-port FXS Gateways for Analog CAMA Trunks/Dry Ringdowns

One (1) 9483 Netclock with 4NTP ports, GPS Antenna and 150' Cable

One 19" 2-Post Rack

VESTA Analytics LITE with one (1) User License

HP Ext Warranty for 5 Years on Workstations and Servers

Onsite Critical Spares

Carousel Onsite Essential Service Coverage for 5 Year

Carousel Security Appliance for Remote Access/Managed Services

5 Years Airbus Software Support and Managed Services (M&R, Anti-virus and Patch)

OPTIONAL: SMS Hardware, 4-Port KVM, PRI Gateway

OPTIONAL: FXO Gateway, Cisco 2960 Switch

Pricing is valid for 90 days

City of Manassas Park		$230,814.28
Total Solution:		**$230,814.28**

All new products are guaranteed to be as specified by the manufacturer's documentation, and are provided with the manufacturer's standard Product warranty. All refurbished components are covered by a Carousel direct warranty.

Customer is responsible for any electrical service, environmental conditions and cable work needed to support the quoted Products, unless otherwise specified on the Quote. Any changes to the above Products and /or Scope of Work will require the written authorization of both Carousel and the Customer. Pricing does not include taxes and freight charges, and as applicable, these costs will be added to the invoice.

Proposal For:	City of Manassas Park - VA
Solution Proposed	VESTA Essentials
Site Name:	City of Manassas Park
Date:	June 6, 2016

VESTA® 9-1-1

Qty.	Part No.	Description	Unit Price	U/M	Total
		VESTA® 9-1-1			
1	04000-01583	BLKBX TL158A-R4 DATACAST	$554.29	EA	$554.29
1	04000-01010	CBL DB25M/DB25M 10FT	$11.43	EA	$11.43
2	65000-00182	CBL RJ45-10P/DB25M 4FT	$30.00	EA	$60.00
1	04000-01752	TS-2 PORT TERMINAL SVR	$585.71	EA	$585.71
		VESTA® 9-1-1 Essentials Package			
		The VESTA Essentials bundle will contain:			
		VESTA 9-1-1 System License, VESTA Analytics Lite License, CAD Interface License, TL601A-R2 Datasharer, Two HP Servers, Two TS-2's with cables, Two HP Switches, (2) 4 Port FXO Gateways, (2) 4-Port FXS Gateways, 7 Ft. Equipment Rack, Server KVM and cables, Monitor, keyboard and mouse for rack, USB Color Printer and Cable, VESTA Prime License, VESTA Analytics Lite Per Seat License, HP EliteDesk Mini Workstation, 20" Widescreen Monitor, Basic SAM Kit and the SAM PC Speaker Kit.			
1	853031-ESSBND2-2	2 POS V911 ESSENTIAL BNDL	$51,371.43	EA	$51,371.43
1	853031-2PSPT5YR	2P V911 ESS/CORE SPT 5YR	$14,094.29	EA	$14,094.29
		VESTA® Workstation Equipment			
2	64007-50022	KEYPD 24K 25F USBCBL CP24	$177.14	EA	$354.29
2	65000-00172	DBL 15FT EXT KMM USB	$65.71	EA	$131.43
2	02800-20500	HDST 4W MOD ELEC MIC BLK	$45.71	EA	$91.43
2	03044-20000	HDST CORD 12FT 4W MOD BLK	$4.29	EA	$8.57
4	833401-00101G-15	CBL SAM JKBX 15FT	$51.43	EA	$205.71
		VESTA® 9-1-1 CDR Module			
2	873099-00602	R4 CDR SVR LIC	$1,557.14	EA	$3,114.29
2	873099-01102	R4 CDR PER SEAT LIC	$128.57	EA	$257.14
		Time Synchronization Equipment			
1	04000-09486	NETCLOCK 9483 + 3-PORT	$8,914.29	EA	$8,914.29
1	04000-08230	GPS/GNSS OUTDOOR ANTENNA	$462.86	EA	$462.86
1	04000-08231	GPS ANTENNA POST MT KIT	$132.86	EA	$132.86
1	04000-08235	GPS PVC POST MNT	$31.43	EA	$31.43
1	04000-08228	GPS ANTENNA SURG PROTECTR	$401.43	EA	$401.43
1	04000-20601	GND KIT FOR 8226	$561.43	EA	$561.43
1	04000-67022	GPS CBL CONN	$64.29	EA	$64.29
1	04000-07051	GPS ANTENNA CBL 50FT	$288.57	EA	$288.57
1	04000-07108	CBL GPS ANTENNA 100FT	$450.00	EA	$450.00
		VESTA® 9-1-1 Subtotal			*$82,147.14*

VESTA® 9-1-1 CommandPOST System

Qty.	Part No.	Description	Unit Price	U/M	Total
		VESTA® 9-1-1 CommandPOST System			
1	PS-0SQ-VSML	VS BSC MLTP PER SEAT LIC	$2,857.14	EA	$2,857.14
1	SS-0SQ-VSSL-5Y	SPT VS BSC 5YR	$5,500.00	EA	$5,500.00
		CommandPOST Hardware			
1	61050-G409602	LAPTOP ZBOOK15 G2 W7	$2,584.29	EA	$2,584.29

1	04000-00490	ADV DOCK STATION 230W	$574.29	EA	$574.29
1	64021-10025	KYBD/MOUSE BNDL	$62.86	EA	$62.86
1	63000-221692	MNTR FP WIDE SCRN LED 22IN	$470.00	EA	$470.00
1	64007-50022	KEYPD 24K 25F USBCBL CP24	$177.14	EA	$177.14
1	853004-00401	SAM EXT SPKR KIT	$240.00	EA	$240.00
1	65000-00124	CBL PATCH 15FT	$20.00	EA	$20.00
1	853004-00301	CPOST SAM HDWR KIT	$3,260.00	EA	$3,260.00
2	833401-00101G-15	CBL SAM JKBX 15FT	$51.43	EA	$102.86
1	809800-35109	R4 IWS CFG	$285.71	EA	$285.71
1	809800-35108	R4 IWS STG FEE	$428.57	EA	$428.57
		VESTA® 9-1-1 IRR Module			
1	873099-00502	R4 IRR LIC/DOC/MED	$1,421.43	EA	$1,421.43
1	809800-35114	R4 IRR SW SPT 5YR	$852.86	EA	$852.86
1	873099-01102	R4 CDR PER SEAT LIC	$128.57	EA	$128.57
		VESTA™ Analytics Licensing & Support			
1	PA-SSG-ALSL	V-ANLYT LT PER SEAT LIC	$785.71	EA	$785.71
1	SA-SSG-ALSL-5Y	SPT V-ANLYT LITE 5YR	$550.00	EA	$550.00
		VESTA® 9-1-1 CommandPOST System Subtotal			**$20,301.43**

Managed Services

Qty.	Part No.	Description	Unit Price	U/M	Total
		Monitoring & Response License & Support Fees			
1	809800-14150	M&R ACT FEE, SMALL SITE	$2,428.57	EA	$2,428.57
2	871499-01206	M&R 3.0 LIC SVR	$555.71	EA	$1,111.43
2	809800-14165	M&R 3.0 SVR SRVC 5YR	$7,985.71	EA	$15,971.43
		Note: Includes (2) DDS Servers,			
2	871499-01211	M&R 3.0 WKST LIC	$101.43	EA	$202.86
2	809800-16165	M&R 3.0 WKST SRVC 5YR	$2,211.43	EA	$4,422.86
		Note: Includes (2) Workstations			
2	871499-01212	M&R 3.0 LIC VM HOST	$101.43	EA	$202.86
		Note: Includes (2) Virtual Host/Machines.			
6	871499-01210	M&R 3.0 IP DEVICES LIC	$101.43	EA	$608.57
		Note: Includes (2) MDS Servers and (4) Gateways			
6	809800-16170	M&R 3.0 IP DEV SRVC 5YR	$2,211.43	EA	$13,268.57
		Managed Services - Implementation Fee			
4	809800-14152	MGD SERV DEV & IMPL	$107.14	EA	$428.57
		Anti-Virus Solution			
4	809800-14175	VIRUS PROTECT 3.0 SVC 5YR	$565.71	EA	$2,262.86
		Patch Management Solution			
4	809800-16215	PATCH MGMT 3.2 SVC 5YR	$1,494.29	EA	$5,977.14
		Managed Services Subtotal			**$46,885.71**

Critical Spares

Qty.	Part No.	Description	Unit Price	U/M	Total
		VESTA® 9-1-1 Equipment			
1	2213936-SPARE	FXO GATEWAY 4-PORT SPARE	$1,140.00	EA	$1,140.00
1	2213938-SPARE	FXS GATEWAY 4-PORT SPARE	$1,030.00	EA	$1,030.00
1	04000-01049	SWITCH HP-1820 24-PORT	$555.71	EA	$555.71

Qty.	Part No.	Description	Unit Price	U/M	Total
		Mini 600 G2 Workstation Equipment			
1	64007-50022	KEYPD 24K 25F USBCBL CP24	$177.14	EA	$177.14
1	850830-03201	BASIC SAM HDWR KIT	$1,652.86	EA	$1,652.86
1	02800-20500	HDST 4W MOD ELEC MIC BLK	$45.71	EA	$45.71
1	03044-20000	HDST CORD 12FT 4W MOD BLK	$4.29	EA	$4.29
		Optional Parts/Spares Subtotal			*$4,605.71*

Extended Warranties

Qty.	Part No.	Description	Unit Price	U/M	Total
2	04000-01596	**Server Extended Warranty** *Note: Includes (2) VESTA® 9-1-1 Servers* WARR 24X7 ML110G9 5YR *Note: Upgrade & uplift from 3YR warranty 9x5 NBD to 5YRs, 24x7, 4 hour response time.*	$1,318.57	EA	$2,637.14
2	04000-01593	**Workstation Extended Warranty** *Note: Includes (2) Workstations* WARR 24X7 600G2/705G2 5YR *Note: Warranty upgrade from 3YRs warranty 9x5 NBD to 5YRs 24x7, 4 hour response.*	$538.57	EA	$1,077.14
1	04000-01589	WARR CPOST ZBOOK 5YR NBD *Note: Warranty upgrade from 3YRs warranty 9x5 NBD to 5YRs 9x5 NBD.*	$408.57	EA	$408.57
		Extended Warranties Subtotal			*$4,122.86*

Airbus DS Communications Services

Qty.	Part No.	Description	Unit Price	U/M	Total
1	000001-B6701	V911 ESS/CORE TRNG BNDL *Note: VESTA 911 Agent and Admin bundle for V911 Essentials/Core systems for small PSAPs (1-5 positions). Includes (1) 1 day V9-1-1 ADMIN TRNG to be conducted on the first day, (2) ½ day V9-1-1 AGENT TRNG to be conducted on the second day, and (1) 2 hour V-ANLYT LITE ONSITE TRNG course to be conducted on third day. Each course is for up to 8 students. Includes trainers daily training expenses and travel.*	$7,000.00	EA	$7,000.00
		Airbus DS Communications Services Subtotal			*$7,000.00*

Summary

Qty	Product Code	Product Description			Ext. Price
1		**VESTA® 9-1-1 w/5Years Software Support**			$82,147.14
1		**VESTA® 9-1-1 CommandPOST System w/5 Year Software Support**			$20,301.43
1		**Managed Services**			$46,885.71
1		**Critical Spares**			$4,605.71
1		**Extended Warranties**			$4,122.86
1		**Airbus DS Communications Services**			$7,000.00
1		**Carousel Industries Installation**			$26,675.71
1		**Carousel Industries - Project Management**			$9,485.71
1		**5 Years Carousel Essential Onsite Support**			$46,200.00
1		**Carousel Security Appliance**			$2,440.00
1		**Minor Materials**			$450.00
1		**Airbus Loyalty Incentive**			-$19,500.00

Pricing is valid for 90 days

Total Equipment & Services Cost:	$230,814.28
Total This Site:	**$230,814.28**

![Carousel Industries logo]

Optional Items

VESTA SMS (Optional)

Qty.	Part No.	Description	Unit Price	U/M	Total
		SMS Equipment			
		Note: Customer is responsible for Text Control Center (TCC) services and network charges.			
2	870891-66301	VESTA 9-1-1 R6 SMS LIC	$0.00	EA	$0.00
1	6400C-20027	HARD DRIVE PORTABLE 1TB	$95.71	EA	$95.71
1	809800-51104	VM CFG ASN ON USB	$0.00	EA	$0.00
2	03800-03040	FIREWALL MODEM 60D	$621.43	EA	$1,242.86
2	03800-03041	WAR FIREWALL 60D 1YR	$212.86	EA	$425.71
2	809800-00200	CFG NTWK DEVICE	$190.00	EA	$380.00
4	871499-01210	M&R 3.0 IP DEVICES LIC	$101.43	EA	$405.71
4	809800-16166	M&R 3.0 IP DEV SRVC 1YR	$514.29	EA	$2,057.14
			VESTA SMS Subtotal		**$4,607.14**

Workstation KVM (Optional)

Qty.	Part No.	Description	Unit Price	U/M	Total
2	04000-01005	KVM DVI 4-PORT SWITCH	$344.29	EA	$688.57
8	04000-60615	CBL, KVM USB 15FT EXT	$42.86	EA	$342.86
			KVM Subtotal		**$1,031.43**

PRI Module (Optional)

Qty.	Part No.	Description	Unit Price	U/M	Total
1	04000-00129	MED 1000B CHASSIS BNDL	$2,621.43	EA	$2,621.43
1	04000-00186	SW SPT M1000 GATEWAY 1YR	$428.57	EA	$428.57
1	04000-00152	MED 1000 1-SPAN BNDL	$3,295.71	EA	$3,295.71
1	04000-00191	SW SPT M1000 T1 MOD 1YR	$428.57	EA	$428.57
1	871499-01210	M&R 3.0 IP DEVICES LIC	$101.43	EA	$101.43
1	809800-16166	M&R 3.0 IP DEV SRVC 1YR	$514.29	EA	$514.29
			PRI Module Subtotal		**$7,390.00**

FXO Gateway (Optional)

Qty.	Part No.	Description	Unit Price	U/M	Total
1	2213936-1-SR1	FXO GATEWAY 4-PORT	$1,140.00	EA	$1,140.00
1	871499-01210	M&R 3.0 IP DEVICES LIC	$101.43	EA	$101.43
1	809800-16166	M&R 3.0 IP DEV SRVC 1YR	$514.29	EA	$514.29
			Onsite Critical Spares Subtotal		**$1,755.72**

Cisco 2960 Switch (Optional)

Qty.	Part No.	Description	Unit Price	U/M	Total
2	04000-29616	SWITCH 2960 + CBL 24-PORT	$1,371.43	EA	$2,742.86
2	04000-02991	WARR 2960 24P 2T 1YR 24X7	$358.57	EA	$717.14
2	871499-01210	M&R 3.0 IP DEVICES LIC	$101.43	EA	$101.43
2	809800-16166	M&R 3.0 IP DEV SRVC 1YR	$514.29	EA	$514.29
			Onsite Critical Spares Subtotal		**$4,075.72**