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

Computer Aided Dispatch System Replacement

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Nelson County Emergency Communications
CONTACT TITLE: Information Systems Director
CONTACT FIRST NAME: Susan
CONTACT LAST NAME: Rorrer
ADDRESS 1: 84 Courthouse Square
ADDRESS 2: PO Box 336
CITY: Lovingston
ZIP CODE: 22949
CONTACT EMAIL: srorrer@nelsoncounty.org
CONTACT PHONE NUMBER: 434-263-7120
CONTACT MOBILE NUMBER: 434-989-6347
CONTACT FAX NUMBER: 434-263-7004
REGIONAL COORDINATOR: Stefanie McGuffin

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Nelson County Emergency Communications

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☒ Technically Outdated*　　　　☐ Strengthen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If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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: **DaPro IBR Plus Version 5.4.1**　　# YEARS of HARDWARE/SOFTWARE: 8

PRIORITY/PROJECT FOCUS　CAD

FINANCIAL DATA

Amount Requested:　$ $150,000.00
Total Project Cost:　　$ $202,508.75

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:

The computer aided dispatch system replacement project will install a full new CAD system solution for the County. It is anticipated that the system will deliver, at a minimum, four CAD positions, two administrative positions, configuration specific to Nelson County's requirements, an integrated map display, addressing tools for use in ArcGIS, texting and faxing capability and remote access to records via smartphone. New hardware including a CAD server and workstations will be provided.

Nelson County's current CAD system is technically outdated and will become non-vendor supported in approximately three years. Support of the system is currently limited and no upgrades to the current software will be offered. This system must be replaced within the three year period of remaining maintenance coverage. Additionally, concerns exist regarding the current level of support and its continuation over the three year period.

Replacement of the current CAD meets Nelson County's strategic planning goal to routinely cycle through the replacement of aging systems to keep pace with the most current technology and utilize highly reliable systems in providing 911 services to the public.

Nelson County is committed to pay any cost related to the installation and implementation of the system that is not covered by grant funding, however full funding for the project without assistance from the PSAP grant program will be difficult to obtain within the required timeframe. Nelson County will ensure that the system is covered under a maintenance and support agreement for the life of the system.

PROJECT GOAL

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

This project will meet Nelson County's goal to replace a technically outdated and marginally supported CAD system that has been in use for more than eight years. The County's current CAD vendor is no longer in business and support will only be available for approximately three more years through another company that assumed this role. The County also has concerns regarding the level of support currently available and the possibility that this support will become increasingly degraded or eliminated as fewer and fewer customers continue to use the system.

This project will support the goals of the Comprehensive Plan by replacing outdated infrastructure with a system that will provide for reliable and secure performance that meets the expectations for level of service in the Commonwealth. The system will provide for greater use of GIS data in the CAD environment to better locate and improve response to calls. The system will also provide improvement in capabilities related to information sharing with other localities.

PROJECT OBJECTIVES

Describe the objectives that will support the goals identified above:

Replace technically outdated (questionably non-vendor supported) CAD system. Install fully supported and maintained system that will continue to be updated and upgraded as required. Install system that meets current industry expectations for CAD functionality. Install system that provides capabilities that exceed capabilities of the current system. Install system that provides integration with GIS based mapping. Install system that provides greater capabilities related to information sharing.

SHARED SERVICES (if applicable)

Describe the relationship of the project to the participating PSAPs:

NA

Describe the intended collaborative efforts and resource sharing opportunities:

NA

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.	07/ 01 / 17
DESIGN/PLANNING - Requirements are documented, components to be purchased are identified, and general design is documented.	08 / 01 / 17
ACQUISITION - RFP (or other bid related processes) are drafted, proposals are evaluated, contract is signed, purchase orders are issued, and quotes are obtained.	12 / 01 / 18
IMPLEMENTATION - Purchased components are delivered and installed and training is performed	05 / 01 / 18
TESTING/COMPLETION - Performance of system/solution is validated and system/solution goes "live"	06 / 01 / 18

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 grant funds will be used to procure a new CAD system that meets Nelson County's needs. A vendor budgetary quote is attached to provide information and pricing on anticipated features, however final system functionality will be determined during the procurement process. It is anticipated that the system will deliver, at a minimum, four CAD positions, two administrative positions, configuration specific to Nelson County's requirements, an integrated map display, addressing tools for use in ArcGIS, texting and faxing capability and remote access via smartphone. The quote includes five years of vendor support and maintenance. Additionally, quotes are provided for four pc workstations and a CAD server that are required hardware for the system.

EVALUATION

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

The vendor will be required to demonstrate that all items included in the scope of work have been delivered, installed and setup specific to Nelson County's requirements. Extensive testing of the system will be conducted to demonstrate that the system will perform its required functions.

CONSOLIDATION (Primary or Secondary) - (complete only 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

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

How should it be funded:

NA

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

NA

SOUTHERN SOFTWARE, INC.
an employee-owned company

Agency:	**Nelson County Sheriff's Office, VA**
Contact:	**Jaime Miller**
Date:	**9/29/2016**

CAD SOFTWARE		Qty	
CAD - Full Positions		2	
CAD - Additional Admin Positions		2	
CAD Reporting Station		2	
Preliminary CAD Build		1	
Wireless Messaging (CAD Paging) with 5 Additional Connectors		1	
Mapping Display System (MDS)		2	
Mapping Display System (MDS) - Admin Positions		2	
Map Centric Addressing (MCA)/Geo Backoffice		1	
Evaluation of GIS/911 Centerline Base Map		1	
CAD interface for NCIC		1	
PSAware	UP TO 5 DEVICES	1	
	Total Software:		**$78,138.00**

PROJECT MANAGEMENT

Project Management Fee - including Installation, Training and Project Management

Total Project Management:		**$21,356.00**

YEARLY SUPPORT			
CAD	24/7 SUPPORT	5	
Mapping Display System (MDS)	24/7 SUPPORT	5	
Map Centric Addressing (MCA)	8:30-5, M-F	5	
CAD Wireless Messaging	24/7 SUPPORT	5	
CAD Interface for NCIC	24/7 SUPPORT	5	
PSAware	Up to 5 Devices	5	
	Total Support:		**$84,000.00**

TOTAL INVESTMENT (STATE TAX AND SHIPPING NOT INCLUDED)	**$183,494.00**

NOTE: MICROSOFT® SQL SERVER 2008™ R2 IS REQUIRED.

NOTE: PROPOSAL DOES NOT INCLUDE PROVISIONS FOR DATA CONVERSION, DATA IMPORT, OR FIELD MAPPING (WITH EXCEPTION OF INITIAL BUILD WHICH INCLUDES MSAG, ESN, INTERSECTIONS AND ADDRESSES THAT ARE PROVIDED TO US IN NENA STANDARD FORMAT AS APPLICABLE. NOTE: DISPATCH ZONES AND LANDMARKS WILL BE VIEWED ON A CASE BY CASE BASIS DEPENDING ON THEIR FORMAT.)

Proposal of software is valid for (60) days from date of proposal.

Proposal of hardware is valid for (30) days from date of proposal.

Software includes (30) days of free support, including all updates.

Management fees include training, installation, and project management.

Southern Software will install its software products only on computer configurations compatible with these products. Hardware specifications are available upon request.

Contact information for Public Safety Representative:

Steve Libera
Southern Software
150 Perry Drive
Southern Pines, NC 28387

Business:	**800.842.8190**
Mobile:	**828.291.9147**
Fax:	**910.695.0251**
E-Mail	**slibera@southernsoftware.com**

Dear Customer,

Please review the quote for product and information accuracy.
If you find errors or desire changes, please contact me as soon as possible.

Regards,
Brandi Etheredge

Order this quote easily online through your Premier page, or if you do not have Premier, using Quote to Order

Product Details by Shipment

Shipping Group 1

Shipping Contact:	ANDREW CRANE	Subtotal	$5,564.48
Shipping Phone No:	1 (804) 2637120	Tax	$0.00
Shipping via:	Standard Ground	Shipping and Handling	$0.00
Shipping Address:	84 COURTHOUSE SQ	Environmental Fee	$0.00
	LOVINGSTON	Total	$5,564.48
	VA 22949-2359		
	US		

Description	Quantity	Unit Price	Subtotal Price
OptiPlex 7040 MT	4	$1,111.12	$4,444.48

Estimated Delivery Date:	10/07/2016
Contract Code:	78AGP
Customer Agreement No:	VA-140331-DELL

		Quantity	Unit Price	Subtotal Price
338-BHUH	Intel Core i7-6700 Processor (Quad Core, 8MB, 8T, 3.4GHz, 65W)	4	-	-
412-AAGU	Mini Tower Processor Heatsink 65 Watt	4	-	-
619-AIKN	Windows 7 Pro English, French, Spanish 64bit (Includes Windows 10 Pro License)	4	-	-
658-BCSB	Microsoft (R)Office 30 Day Trial	4	-	-
370-ACHT	8GB (2x4G) 2133MHz DDR4 Memory	4	-	-
400-ANPQ	256GB 2.5inch SATA Class 20 Solid State Drive	4	-	-
575-BBGL	Bracket for 2.5 inch Hard Drive Disk,Mini Tower, OptiPlex	4	-	-
490-BCWX	Dual AMD Radeon R5 340X (2GB DP/DVI-I)	4	-	-
325-BBRL	DVD+/-RW Bezel	4	-	-
429-AAJV	Tray load DVD Drive (Reads and Writes to DVD/CD)	4	-	-
632-BBBJ	PowerDVD Software not included	4	-	-
620-AAYW	Windows 10 Pro OS Recovery 64bit - DVD	4	-	-
575-BBBI	No Integrated Stand option	4	-	-
580-ADJC	Dell KB216 Wired Multi-Media Keyboard English Black	4	-	-

275-BBBW	Dell MS116 Wired Mouse, Black	4	-	-
634-BENZ	No DDP|ESS Software	4	-	-
954-3465	No DDPE Encryption Software	4	-	-
817-BBBB	No FGA	4	-	-
210-AFGI	OptiPlex 7040 Mini Tower XCTO	4	-	-
385-BBCR	No Media Card Reader	4	-	-
329-BCSE	OptiPlex 7040 MT with 240W up to 85% efficient Power Supply (80Plus Bronze)	4	-	-
555-BBKH	No Bcom required	4	-	-
340-ABKW	No Quick Reference Guide	4	-	-
387-BBEZ	ENERGY STAR Version 6.0	4	-	-
631-AASO	Intel vPro Technology Enabled	4	-	-
555-BBFO	No Wireless	4	-	-
555-BBFO	No Wireless	4	-	-
800-BBIO	Desktop BTO Standard shipment	4	-	-
401-AANH	2nd Hard Drive: not included	4	-	-
389-BHJV	Intel Core i7 vPro Processor Label	4	-	-
332-1286	US Order	4	-	-
329-BBJL	TPM Enabled	4	-	-
340-AGIK	Safety/Environment and Regulatory Guide (English/French/Dutch)	4	-	-
389-BCGW	No UPC Label	4	-	-
461-AABF	No CompuTrace	4	-	-
551-BBBJ	No Intel Responsive	4	-	-
422-0008	Dell Data Protection System Tools Digital Delivery/DT	4	-	-
640-BBDF	Adobe Reader 11	4	-	-
640-BBEV	Dell Data Protection | Protected Workspace	4	-	-
640-BBLW	Dell(TM) Digital Delivery Cirrus Client	4	-	-
658-BBMQ	Enable Low Power Mode	4	-	-
658-BBMR	Dell Client System Update (Updates latest Dell Recommended BIOS, Drivers, Firmware and Apps),OptiPlex	4	-	-
658-BBNH	Waves Maxx Audio	4	-	-
658-BBVM	MY DELL	4	-	-
658-BCUV	Dell Developed Recovery Environment	4	-	-
450-AAOJ	System Power Cord (Philipine/TH/US)	4	-	-
340-ABJI	No Diagnostic/Recovery CD media	4	-	-
389-BHMP	Reg Label, MT, MEX,EPA	4	-	-
817-BBBN	NO RAID	4	-	-
461-AABV	No Accessories	4	-	-
340-ARRJ	Shipping Material for System, Minitower, DAO	4	-	-
389-BBUU	Shipping Label for DAO	4	-	-
525-0057	Kace K1000 Express	4	-	-
817-BBBC	Not Selected in this Configuration	4	-	-
470-AAJL	NO ADAPTER	4	-	-
997-6870	Dell Limited Hardware Warranty Plus Service	4	-	-
997-6872	Onsite/In-Home Service After Remote Diagnosis 3 Years	4	-	-

Description	Quantity	Unit Price	Subtotal Price
Dell UltraSharp 24 Monitor - U2412M	4	$280.00	$1,120.00

Estimated Delivery Date: 10/04/2016
Contract Code: 78AGP
Customer Agreement No: VA-140331-DELL

		Quantity	Unit Price	Subtotal Price
210-AGSS	Dell UltraSharp 24 Monitor U2412M	4	-	-
806-2755	Premium Panel Warranty Advanced Exchange 3 Years	4	-	-
806-2763	Dell Limited Hardware Warranty	4	-	-

Dear Customer,

Please review the quote for product and information accuracy.
If you find errors or desire changes, please contact me as soon as possible.

Regards,
John Ayala

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Product Details by Shipment

Shipping Group 1

Shipping Contact:	MICHAEL REDIFER	Subtotal	$13,450.27
Shipping Phone No:	1 (434) 2637080	Tax	$0.00
Shipping via:	Standard Ground	Shipping and Handling	$0.00
Shipping Address:	84 COURTHOUSE SQUARE	Environmental Fee	$0.00
	LOVINGSTON	Total	$13,450.27
	VA 22949		
	US		

Description	Quantity	Unit Price	Subtotal Price
PowerEdge T630	1	$13,450.27	$13,450.27

Estimated Delivery Date:	10/10/2016
Contract Code:	78AGP
Customer Agreement No:	VA-140331-DELL

		Quantity	Unit Price	Subtotal Price
210-ACWJ	PowerEdge T630 Server	1	-	-
329-BCZH	PowerEdge T630 Motherboard MLK	1	-	-
461-AADZ	No Trusted Platform Module	1	-	-
321-BBJV	Chassis with up to 16, 2.5" Hard Drives, Tower Configuration	1	-	-
340-AKLY	PowerEdge T630 Shipping	1	-	-
338-BJDS	Intel Xeon E5-2603 v4 1.7GHz,15M Cache,6.4GT/s QPI,6C/6T (85W) Max Mem 1866MHz	1	-	-
338-BJEI	Intel Xeon E5-2603 v4 1.7GHz,15M Cache,6.4GT/s QPI,6C/6T (85W) Max Mem 1866MHz	1	-	-
412-AADW	105W Heatsink for PowerEdge T630	1	-	-
412-AADW	105W Heatsink for PowerEdge T630	1	-	-
370-AAIP	Performance Optimized	1	-	-
780-BBIC	RAID 1+RAID 5 for H330/H730/H730P (2 + 3-30 HDDs or SSDs)	1	-	-

Code	Description	Qty		
405-AADT	PERC H730 RAID Controller, 1GB NV Cache	1	-	-
542-BBBP	On-Board LOM 1GBE (Dual Port for Towers, Quad Port for Racks and Blades)	1	-	-
385-BBHN	iDRAC8 Express, integrated Dell Remote Access Controller, Express	1	-	-
429-AAHW	DVD+/-RW, SATA, Internal	1	-	-
350-BBBW	No Bezel	1	-	-
770-BBCR	No Rack Rails, No Cable Management Arm, No Casters	1	-	-
384-BBBL	Performance BIOS Settings	1	-	-
450-ADWS	Dual, Hot-plug, Redundant Power Supply (1+1), 750W	1	-	-
343-BBDE	Electronic System Documentation and OpenManage DVD Kit, PowerEdge T630	1	-	-
618-BBDS	Windows Server 2012R2 Standard Edition,Factory Installed, No Media, 2 Socket, 2 VMs,NO CALs	1	-	-
634-BBOZ	Windows Server 2012R2 Standard, Media, FI Standard Ed Downgrade image, Eng	1	-	-
618-BBEC	MS2012R2 Hyper-V role enabled with pre-installed Std or DataCenter OS on incl Virtual HDD	1	-	-
634-BCEM	Microsoft SQL Server 2014 Standard,OEM, Includes 5 USER CALs, NFI, With 2012 Media, ENG	1	-	-
405-AADS	PERC H330 RAID Controller	1	-	-
440-BBFC	Tape Backup SAS Cable, PowerEdge T330/T430/T630	1	-	-
440-BBGW	PowerEdge Full Height Bracket	1	-	-
445-BBCC	LTO7 Internal Tape Drive	1	-	-
332-1286	US Order	1	-	-
976-8213	ProSupport: Next Business Day Onsite Service After Problem Diagnosis,7 Year	1	-	-
976-8222	ProSupport: 7x24 HW / SW Tech Support and Assistance, 7 Year	1	-	-
976-8285	Dell Hardware Limited Warranty Plus On Site Service	1	-	-
989-3439	Thank you choosing Dell ProSupport. For tech support, visit http://www.dell.com/support or call 1-800- 945-3355	1	-	-
900-9997	On-Site Installation Declined	1	-	-
973-2426	Declined Remote Consulting Service	1	-	-
370-ACPH	2400MT/s RDIMMs	1	-	-
370-ACNX	16GB RDIMM, 2400MT/s, Dual Rank, x8 Data Width	2	-	-
400-AJRU	300GB 15K RPM SAS 12Gbps 2.5in Hot-plug Hard Drive	2	-	-
400-AJRH	600GB 15K RPM SAS 12Gbps 2.5in Hot-plug Hard Drive	3	-	-
450-AALV	NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord, North America	2	-	-
634-BCEJ	Microsoft SQL Server 2014 Standard,5 USER CALs Only OEM,No Media,NFI	1	-	-
634-BFJL	10-pack of Windows Server 2012 User CALs (Standard or Datacenter)	1	-	-
440-BBFC	Tape Backup SAS Cable, PowerEd ge T330/T430/T630	1	-	-