

FY12

PSAP GRANT PROGRAM APPLICATION



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HOW TO APPLY/DEADLINE

The grant application will be available and accessible from VITA's Integrated Services Program's website (<http://www.vita.virginia.gov/isp/>). Upon completion of the application, it is to be submitted to the PSAP Grant Manager, Lisa Nicholson, at lisa.nicholson@vita.virginia.gov. Any supporting documentation must also be submitted along with the application.

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. In addition to the grant application reference manual, technical assistance is available from VITA's Public Safety Communications (PSC) staff throughout the grant process. The FY12 PSAP Grant Application Cycle deadline is December 22, 2010 at 11:59 pm.



FY12 PSAP GRANT APPLICATION

PROJECT TITLE

Fiber Optic Cabling for Data Transfer of Dispatch Mapping Updates

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Northumberland County PSAP

CONTACT TITLE: Assistant County Administrator

CONTACT FIRST NAME: Luttrell

CONTACT LAST NAME: Tadlock

ADDRESS 1: 72 Monument Pl.

ADDRESS 2: P.O. Box 129

CITY: Heathsville

ZIP CODE: 22473

CONTACT EMAIL: ltadlock@co.northumberland.va.us

CONTACT PHONE NUMBER: 804-580-8910

CONTACT MOBILE NUMBER: [Click here to enter text](#)

CONTACT FAX NUMBER: 804-580-8082

REGIONAL COORDINATOR: Sam Keys

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

_____	_____
_____	_____
_____	_____
_____	_____

GRANT TYPE

Individual PSAP

Regional Initiative

Consolidation

Secondary Consolidation



GRANT PROGRAM TYPE

- Wireless E-911 PSAP Education Program
- Continuity and Consolidation
- Enhancement

TIER

- Out of Service
- Non-Vendor Supported
- Technically Outdated
- Strengthen
- Not Applicable

PROJECT FOCUS GIS HIGH SUPPORT

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

FINANCIAL DATA

Amount Requested: \$ 8000
Total Project Cost: \$ 10,000

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. Additional items to discuss that referenced need should include: impact on operational services; consequences of not receiving funding; inclusion of project in a long-term or a strategic plan; and local sustainability:

The grant money requested will be used for the installation of fiber optic cable between the dispatchers (where the dispatch mapping server is located) to the County Administrative Offices where the 911 GIS mapping is maintained for the dispatchers. Currently there is a radio link connecting the two buildings; however, this connection has proven to be unreliable when trying to update dispatch mapping. If grant is not awarded, this project will not take place.

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

Northumberland County will be responsible for overseeing the grant and the completion of the project. Northumberland County will also be putting a 20% match towards the total cost of the project. In the future the County will pay for any costs associated with maintaining this fiber optic line between the two buildings.

COMPREHENSIVE PROJECT DESCRIPTION

**FOR WIRELESS E-911 PSAP EDUCATION PROGRAM GRANT REQUESTS:**

Describe how the education/training is 9-1-1/public safety communications specific and how this will benefit E-911 and the employee(s) and/or PSAP.

N/A

FOR CONTINUITY AND CONSOLIDATION OR ENHANCEMENT PROJECTS:

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 encompass the installation of fiber optic cable between the Sheriff's Dispatch Office and the County Administrative Building (approximately 500 feet). This link is essential in the updating of the dispatchers mapping system. The fiber will be buried in conduit, bored under three paved driveways and brought into each of the respective buildings where they will be terminated in fiber cabinets. This project includes all hardware and permits to accomplish the job.

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"/> INITIATION (Project approved by appropriate stakeholders)	12/13/2011
<input checked="" type="checkbox"/> DESIGN/ PLANNING (Project, system, or solution requirements are developed)	5/30/2011
<input checked="" type="checkbox"/> ACQUISITION (Selected system or solution is procured)	6/8/2011
<input checked="" type="checkbox"/> IMPLEMENTATION (Selected system or solution is configured and installed)	7/29/2011
<input checked="" type="checkbox"/> TESTING/ COMPLETION (Selected system or solution is tested and put in production)	7/29/2011

Identify the longevity or sustainability of the project.

Northumberland County feels that this is a long term solution in to providing the dispatchers updates to their dispatch mapping system. To ensure longevity, the fiber is being placed in conduit to protect the cabling. There are currently no plans in renovating or moving either one of these buildings.



Describe how this project supports the Virginia Statewide E-911 Strategic Comprehensive Plan.

This project supports the Virginia Statewide E-911 Strategic Comprehensive Plan in that the grant monies obtained will ensure a more reliable connection to update the GIS dispatch mapping system which ultimately benefits the PSAP in providing first responders accurate and timely information. One of the goals of the Virginia Statewide E-911 Strategic Comprehensive Plan is to “Provide a standard level of emergency response service to the public”, which Northumberland County feels that it can do better by having a better connection in which to update its mapping data on a more timely and reliable basis.

REGIONAL INITIATIVE (if applicable)

The relationship of the initiative to the participating PSAPs:

[Click here to enter text](#)

Intended collaborative efforts:

[Click here to enter text](#)



Resource sharing:

Click here to enter text

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

Click here to enter text

CONSOLIDATION (Primary or Secondary) - (if applicable)

How would a consolidation take place and provide improved service:

Click here to enter text



How should it be organized and staffed:

Click here to enter text

What services should it perform:

Click here to enter text

How should policies be made and changed:

Click here to enter text

How should it be funded:

Click here to enter text



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

[Click here to enter text](#)

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:

Please see attached dealers quote:

- 1) 6-Strand Armored Outdoor Fiber- To run between the two buildings.
- 2) SC Unicon Fiber Ends- Needed to terminate fiber.
- 3) Fiber Cabinets- Cable terminates in cabinet in each building.
- 4) Schedule 40 Conduit- Needed to protect the fiber when buried.
- 5) Fiber Patch Cords
- 6) 10/100 Fiber Transceivers- Needed to go from fiber to network cabling.
- 7) VDOT Permit- Required to bore under paved driveways.
- 8) Trenching & Boring- 500 ft. of trenching and boring, required to place fiber underground.
- 9) Straw & Seeding- Needed after trenching is completed.

Option 1 on quote at a cost of \$850 is not being selected to be done and is not part of this project or grant request.

EVALUATION



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

The success of this project will be evaluated upon the successful transfer of data from the Administrative Offices to the Dispatch Office to update the dispatch mapping system.



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"



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December 6, 2010

CONTRACT
NORTHUMBERLAND COUNTY ADMINISTRATION OFFICES

ATTN: KENNY EADES & LUTTRELL TADLOCK
PHONE: (804) 580-7666
EMAIL: LTADLOCK@CO.NORTHUMBERLAND.VA.US

SCOPE OF WORK: OPTION 1

Install 6-Strand Armored Outdoor Fiber from the old Courthouse Server Room to the Sheriff’s office Server Room. Cable to be bored under 3 roads for a total of 500 feet. Depth under the road will be to VDOT’s specifications, probably 3 feet and balance will be 18 inches to 2 feet.

Materials:

- 1 Lot 6-Strand Armored Multi-Mode Outdoor Fiber
 - 12 SC Unicon Fiber Ends
 - 2 Fiber Cabinets
 - 1 Lot 2-Inch Schedule 40 Conduit
 - 2 Fiber Patch Cords
 - 2 10/100 Fiber Transceivers
 - 1 VDOT Permit
 - 1 Lot straw and seeding
- Install 2-Inch Conduit and one hand hole for fiber to be installed in

Trenching & Boring Labor

TOTAL AMOUNT PROPOSED \$9,770.00

*C.T.T. not responsible for any unmarked utilities.

SCOPE OF WORK: OPTION 1

Install 25-Pair Outdoor Grade Shielded Cable for phone connections between buildings - Add \$ 850.00

Note: Price based on non-freezing temperatures.

All equipment will be placed as specified. All work is to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control.

ACCEPTANCE OF CONTRACT - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance _____

Authorized Signature _____
Robert D. Grindstaff

Note: This contract may be withdrawn by us if not accepted within 30 days.

Signature _____

Signature _____