

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. 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

u # Primary Mapping u

GRANT APPLICANT PROFILE/PROJECT CONTACT

PSAP/HOST PSAP NAME: Twin County Regional E-911

CONTACT TITLE: Regional 911 Coordinator

CONTACT FIRST NAME: Jolena

CONTACT LAST NAME: Young

ADDRESS 1: PO Box 510

ADDRESS 2: 353 N Main St

CITY: Galax

ZIP CODE: 24333

CONTACT EMAIL: jyoung@galaxva.com

CONTACT PHONE NUMBER: 276-236-5122

CONTACT MOBILE NUMBER: 276-233-3231

CONTACT FAX NUMBER: 276-236-2965

REGIONAL COORDINATOR: Tim Addington

HOST PSAP AND PARTICIPATING PSAPS/LOCALITIES

Twin County Regional E-911	County of Grayson
City of Galax	
County of Carroll	

GRANT TYPE

Individual PSAP

Consolidation

Regional Initiative

Secondary Consolidation



GRANT PROGRAM TYPE

X 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 Technically Outdated* Strengthen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If technically outdated or non-vendor supported, application MUST include age and/or version of hardware/software.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: King-Moore Custom Tools # YEARS of HARDWARE/SOFTWARE:

PROJECT FOCUS GIS: HIGH PRIORITY

If "Other" selected, please specify:

FINANCIAL DATA

Amount Requested: \$ 14,995

Total Project Cost: \$ 14,995

STATEMENT OF NEED

This is an individual Continuity and Consolidation Program application for funding to primary PSAP serving the financially handicapped populations of Carroll and Grayson Counties and the City of Galax. This project will replace or upgrade mapping tools that are technically outdated and will be without support.

Twin County E911 uses King-Moore to provide ongoing support of GeoComm. In late 2011, King-Moore notified Twin County of the need to purchase GeoComm's



DMS tools.

The addressing tools that Twin E911 has used for many years were developed by King-Moore. But due to the constant changes with ESRI and Windows system they have decided that they cannot continue to effectively keep their tools updated and working with ArcGIS. Additionally, GeoComm's tools are more robust with more capabilities and tools beyond just assigning an address. (See attached Letter from King-Moore.)

The project is perfectly aligned with long-term strategies for NG911 by updating software to be compatible with current technology. According to the Virginia Statewide Comprehensive Plan and the perspective of all citizens, "the establishment and adoption of 9-1-1 service ensured that in an emergency any caller throughout the country could dial three easily memorized digits and quickly have local first responders come to his or her aid." Without the required tools and vendor support, the Twin County map accuracy will decrease introducing risk to this vision increases. This project would restore map sustainability, and brings reliable, emergency responses that citizens expect when they dial 9-1-1.

Twin County E-911, a primary PSAP serving all the City of Galax and the Counties of Carroll and Grayson, serves nearly 1,000 square miles of rugged mountainous terrain along the Blue Ridge in the Southwest corner of the Commonwealth. Our citizens are financially handicapped and under-employed. It may be hard to imagine a place where 31% of the individuals live below poverty level (triple the state average); where unemployment doubles the state rate; and where the median household income is \$22,105 which is nearly two-thirds less than the average Virginia household income of \$61,126. But these hard facts do define us.

Likewise, our local governments have not been immune to the applicant localities have suffered by making budget cuts in many areas where it can, including personnel and not filling vacancies. Despite the urgent and compelling need for 911 services, the reality is simply that we cannot afford to do this without grant assistance.



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.

The project will replace the outdated King-Moore map editing tools with the GeoComm editing tool set.

The Twin County E-911 Regional Commission has reviewed and approved this project and grant application. The procurement process will include approval to sole source given that the PSAP already has a software maintenance agreement in place with King-Moore.

Post July 1, 2013, a Purchase Order will be issued for the GeoComm DMS tools, and an implementation plan agreed with the vendor.

Upon receipt of the tools, the software will be installed and tested per the implementation plan. Editing processes will be updated to utilize the new tools. Twin County employees will be trained on the new tool and related processes.

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
X INITIATION (Project approved by appropriate stakeholders)	10 / 19 / 12
X DESIGN/PLANNING (Project, system, or solution requirements are developed)	06 / 30 / 13



X ACQUISITION (Selected system or solution is procured)	08 / 31 / 13
X IMPLEMENTATION (Selected system or solution is configured and installed)	09 / 30 / 13
X TESTING/COMPLETION (Selected system or solution is tested and put in production)	10 / 31 / 13

Identify the longevity or sustainability of the project.

5-year maintenance is included in the grant request. In year 6, the PSAP will include the annual maintenance fee in their operating budget.



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

This project supports both goals of the Virginia Statewide Comprehensive 9-1-1 Plan and seeks to fulfill an important initiative. There are only two goals in the Virginia Statewide Comprehensive 9-1-1 Plan. The first goal is provide a standard level of 9-1-1 emergency dispatch services to the public. *When achieved, this goal will provide consistent 9-1-1 emergency dispatch services to anyone residing in or passing through the Commonwealth, at any time of day, and during any event. Consistent service means that all 9-1-1 centers can receive, process, and dispatch “calls” in a dependable and repeatable manner.* However, as reflected in the statement of our need for this project, the lack of editing tools and vendor support in the Twin County PSAP could lead to substandard maps. This project would restore reliability to our 9-1-1 maps and therefore emergency dispatch services.

The second goal of the Virginia Statewide Comprehensive 9-1-1 Plan is to position 9-1-1 centers to continuously meet the public’s expectations. *When achieved, this goal will allow Virginia to keep up with the rapid pace of technology innovation and therefore the constant changes in customers’ expectations.* However, again as reflected in the statement of our need for this project, public expectations are clearly not met with our outdated and obsolete map tools. More robust tools are needed to meet the rapid pace of technology innovation to maintain quality maps for 9-1-1 emergency dispatch services to Galax, Carroll and Grayson citizens.

REGIONAL INITIATIVE (if applicable)

The relationship of the initiative to the participating PSAPs:
N/A – Individual PSAP initiative



Intended collaborative efforts:

N/A – Individual PSAP initiative

Resource sharing:

N/A – Individual PSAP initiative

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

N/A-Individual PSAP initiative

CONSOLIDATION (Primary or Secondary) - (if applicable)

How would a consolidation take place and provide improved service:

N/A – Individual PSAP initiative



How should it be organized and staffed:

N/A – Individual PSAP initiative

What services should it perform:

N/A – Individual PSAP initiative

How should policies be made and changed:

N/A – Individual PSAP initiative

How should it be funded:

N/A – Individual PSAP initiative



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

N/A – Individual PSAP initiative

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:

The overall project budget is \$14,995 and was based on a quote from King-Moore (attached).

Software/Services	Unit	Cost
GeoComm DMS – GIS Manager	1	\$6,995.00
Annual Support and Maintenance	5	\$7,500.00
Installation / Setup / Training	1	\$ 500.00



EVALUATION

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

Our performance measures will begin with proper purchases of software and services in accordance with all federal, state and local procurement standards. After installation of the software and implementation of the services, Twin County PSAP will be able to edit maps as determined by a detailed evaluation plan. The PSAP will record these performance measures and report them on the final report.

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Mrs. Jolena Young
E-911 Coordinator
Twin County E911
PO Box 395
Gate City, VA 24251

Date: 11/8/2011

RE: Quote for GeoComm DMS Tools

Below is a quotation for GeoComm's DMS tools. This includes 1st line support from King-Moore, Inc. and 2nd line support from GeoComm. GeoLynx DMS adds a toolbar to ESRI's ArcMap that exposes features and functions specific to maintaining public safety GIS data that are not present in the standard ArcGIS product from ESRI: address assignment, address range creation, wireless cell sector maintenance, atlas generation, MSAG and CAD geofile management, and a broad range of quality assurance and quality control (QA/QC) audits.

Software/Services

	Licenses	Annual Fee
GeoComm DMS – GIS Manager	1	\$6,995.00
Annual Support and Maintenance	1	\$1,500.00
Installation / Setup / Training		\$500.00
Optional: GeoComm DMS Mobile GIS Data Manager Module	1	\$1,000.00
Optional: Annual Support and Maintenance	1	\$200.00
Optional: GeoComm DMS – MSAG Manager	1	\$2,500.00
Optional: Annual Support and Maintenance	1	\$500.00

Respectfully submitted,

A handwritten signature in black ink that reads 'Brandon Moore'.

Brandon Moore, GIS President
King-Moore, Inc.
276.356.8224 or moore@king-moore.com



Mrs. Jolena Young
E-911 Coordinator
Twin County E911
PO Box 395
Gate City, VA 24251

Date: 11/8/2011

RE: Address Tools for GIS Software

Dear Jolena:

With the changing world of GIS software and Windows operating systems progressing into 64-bit systems, King-Moore, Inc. can no longer support and upgrade the addressing tools that we have developed over the last 8 years or so. When ESRI moved into the 10x version and Microsoft into the Windows 7 and 64-bit system we have had trouble getting our tools to work properly. As long time resellers and front line support for GeoComm mapping software we are recommending that E911 addressing departments move to GeoComm's DMS tools. Many counties in Virginia and several in Southwest Va have moved to the use of these tools that give E911 mappers the ability to address new structures and new roads. The tools also give the ability to create atlas books and conduct discrepancies analysis of your addressing layers. As a leading software company in the E911 industry, GeoComm will be around for years to come and continually update and enhance E911 tools as systems change.

I have attached a quotation for your review and well as an informational pdf brochure. Please let me know if you have any questions.

Respectfully submitted,

A handwritten signature in black ink that reads "Brandon Moore". The signature is written in a cursive, slightly slanted style.

Brandon Moore, GIS President
King-Moore, Inc.
276.356.8224 or moore@king-moore.com