



STATE OF VERMONT
JOINT FISCAL OFFICE

MEMORANDUM

To: James Reardon, Commissioner of Finance & Management
From: Nathan Lavery, Fiscal Analyst
Date: December 21, 2009
Subject: JFO #2414, #2415, #2416, #2417, #2418

No Joint Fiscal Committee member has requested that the following items be held for review:

JFO #2414 — \$330,534 grant from the U.S. Department of Homeland Security to the Department of Public Safety. These grant funds will be used to purchase interoperable radio communications equipment and underwater surveillance equipment in order to enhance emergency response and underwater security capabilities. This grant is a competitive award under the American Recovery and Reinvestment Act (ARRA).
[JFO received 11/20/09]

JFO #2415 — \$1,055,355 grant from the U.S. Department of Justice to the Department of Public Safety. These grant funds will be used to link Vermont's behavioral health information exchange with several justice databases from state and federal agencies in order to help prevent and combat crime. This grant is a competitive award under the American Recovery and Reinvestment Act (ARRA).
[JFO received 11/20/09]

JFO #2416 — \$765,835 grant from the U.S. Department of Energy to the Public Service Board. These funds will be distributed to increase the capacity of the Public Service Board to manage an increase in regulatory activities resulting from the American Recover and Reinvestment Act. This grant is a competitive award under the American Recovery and Reinvestment Act.
[JFO received 11/20/09]

JFO #2417 — \$298,920 grant from the U.S. Substance Abuse and Mental Health Services Administration to the Judiciary. These grant funds will be used to establish an enhanced treatment and case management system and protocols for the Rutland Drug Court, including use of a risk and needs assessment tool.
[JFO received 11/20/09]

JFO #2418 — Request to establish one (1) limited service position in the Department of Public Safety. Funding for this position is provided by the \$3,061,782 Byrne Justice Assistance Grant awarded under the American Recovery and Reinvestment Act.

[JFO received 12/3/09]

The Governor's approval may now be considered final. We ask that you inform the Secretary of Administration and your staff of this action.

cc: Thomas Tremblay, Commissioner
James Volz, Chair
Robert Greemore, Acting Court Administrator



STATE OF VERMONT
JOINT FISCAL OFFICE

MEMORANDUM

To: Joint Fiscal Committee Members
From: Nathan Lavery, Fiscal Analyst
Date: December 9, 2009
Subject: Grant Requests

Enclosed please find five (5) requests that the Joint Fiscal Office has received from the administration. If approved, these requests would result in the establishment of 4 new limited service positions.

JFO #2418 — Request to **establish one (1) limited service position** in the Department of Public Safety. Funding for this position is provided by the \$3,061,782 Byrne Justice Assistance Grant awarded under the American Recovery and Reinvestment Act, and **expedited review of this item has been requested**. Joint Fiscal Committee members will be contacted within two weeks with a request to waive the statutory review period and accept this item. Note: The underlying grant was approved as part of the FY2010 budget (Sec. B.209).

[JFO received 12/3/09]

JFO #2419 — \$1,198,956 grant from the U.S. Department Health and Human Services to the Vermont Department of Mental Health. These funds will be used to implement the Attachment, Self-Regulation and Competency (ARC) framework for complex trauma treatment aimed at improving outcomes for children ages 3 – 18 years old that have experienced complex trauma. **One (1) limited service position is associated with this request**. Note: Request is comprised of selected pages from complete submission; additional information available upon request.

[JFO received 12/8/09]

JFO #2420 — \$237,500 grant from the U.S. Department of Housing and Urban Development (HUD) to the Vermont Department of Children and Families, Office of Economic Opportunity. These grant funds will be used to cover building rehabilitation and/or new construction costs for seven homeless shelters across Vermont in order to increase capacity or improve safety.

[JFO received 12/8/09]

JFO #2421 — \$250,000 grant from the U.S. Department Justice to the Vermont Judiciary. These grant funds will be used to support modeling (in Chittenden County) a statewide approach for creating integrated "criminal justice-capable" systems of care that divert persons with mental illness from the criminal justice system. **This request includes establishment of one (1) limited service position**.

[JFO received 12/8/09]

JFO #2422 — \$830,600 grant from the U.S. Centers for Disease Control and Prevention to the Vermont Department of Health, awarded under the American Recovery and Reinvestment Act. These grant funds will be used to establish an internal surveillance and prevention strategy designed to reduce the incidence of health care-associated infections. **This request includes establishment of one (1) limited service position.**

[JFO received 12/10/09]

In accordance with the procedures for processing such requests, we ask you to review the enclosed and notify the Joint Fiscal Office (Nathan Lavery at (802) 828-1488; nlavery@leg.state.vt.us) if you have questions or would like an item held for Joint Fiscal Committee review. Unless we hear from you to the contrary by December 23 we will assume that you agree to consider as final the Governor's acceptance of these requests.


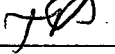
cc: James Reardon, Commissioner
Thomas Tremblay, Commissioner
Wendy Davis, Commissioner
Stephen Dale, Commissioner
Robert Greemore, Court Administrator

State of Vermont
 Department of Finance & Management
 109 State Street, Pavilion Building
 Montpelier, VT 05620-0401

Agency of Administration

[phone] 802-828-2376
 [fax] 802-828-2428

STATE OF VERMONT
FINANCE & MANAGEMENT GRANT REVIEW FORM

Grant Summary:		Edw Byrne Justice Assistance Grant (JAG) under the American Recovery and Reinvestment Act (ARRA) formula grant for comprehensive IT system upgrade for a wide range of Vermont law enforcement agencies.			
Date:		12/02/2009			
Department:		Department of Public Safety			
Legal Title of Grant:		Recovery Act Edward Byrne Memorial Justice Assistance Grant (JAG) program			
Federal Catalog #:		16.803			
Grant/Donor Name and Address:		U.S. Department of Justice			
Grant Period:		From:	To:		
		3/1/2009	2/28/2013		
Grant/Donation					
	SFY 1	SFY 2	SFY 3	Total	Comments
Grant Amount:	\$566,085	\$970,431	\$970,431	\$3,061,782	SFY 4 will use balance \$554,835.
Position Information:		# Positions	Explanation/Comments		
		1	IT Specialist		
Additional Comments:					
This formula grant does not need to be approved by the limited service position in the grant does.					
Department of Finance & Management					(Initial) VB
Secretary of Administration					(Initial)
Sent To Joint Fiscal Office				12/2/09	Date

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JOINT FISCAL OFFICE

	SFY10	SFY11	SFY12	SFY13	Total
Personnel Costs	39,373.36	67,497.20	67,497.20	28,123.83	202,491.59
3rd Party Contracts	39,515.92	67,741.58	67,741.58	39,515.92	214,515.00
Operating Expenses	462,373.47	792,640.23	792,640.23	462,373.47	2,510,027.41
Grants/Sub-Awards	24,822.00	42,552.00	42,552.00	24,822.00	134,748.00
	566,084.76	970,431.01	970,431.01	554,835.22	3,061,782.00



State of Vermont
Agency of Administration
Office of Economic Stimulus and Recovery
Pavilion Office Building
109 State Street
Montpelier, VT 05609-0201
www.vermont.recovery.gov

[phone] 802-828-1354
[fax] 802-828-3320

December 2, 2009

To: Joint Fiscal Office

From: Mel Adams, Director 

Subject: Request to Expedite Position Approval for ARRA Formula Grant

In light of the ARRA goal and expressed intent of the Vermont legislature and the Governor that stimulus money be put to work as quickly as possible to help alleviate unemployment and stimulate the economy, I am requesting expedited consideration by the Joint Fiscal Committee on the position request for the Byrne Jag Formula grant. Although the award amount was announced in the spring, the Department of Justice required Public Safety to obtain waivers from all law enforcement entries in Vermont prior to granting the award. Moreover, cruisers have been sitting in the parking lot, unused, until the IT person is hired to install the IT equipment. Additionally the 'locals' do not have any IT support for their IT equipment installation.

Thank you for your consideration.

**STATE OF VERMONT
Joint Fiscal Committee Review
Limited Service - Grant Funded
Position Request Form**

This form is to be used by agencies and departments when additional grant funded positions are being requested. Review and approval by the Department of Human Resources must be obtained prior to review by the Department of Finance and Management. The Department of Finance will forward requests to the Joint Fiscal Office for JFC review. A Request for Classification Review Form (RFR) and an updated organizational chart showing to whom the new position(s) would report must be attached to this form. Please attach additional pages as necessary to provide enough detail.

Agency/Department: Public Safety Date: 09/25/09

Name and Phone (of the person completing this request): Phyllis Martin; 241-5392

Request is for:

- Positions funded and attached to a new grant.
 Positions funded and attached to an existing grant approved by JFO # _____

1. Name of Granting Agency, Title of Grant, Grant Funding Detail (attach grant documents):

U.S. Department of Justice
FY09 Recovery Act Edward Byrne Memorial Justice Assistance Grant Program
See attached application and award document.

2. List below titles, number of positions in each title, program area, and limited service end date (information should be based on grant award and should match information provided on the RFR) position(s) will be established only after JFC final approval:

<u>Title* of Position(s) Requested</u>	<u># of Positions</u>	<u>Division/Program</u>	<u>Grant Funding Period/Anticipated End Date</u>
IT Specialist	1	Criminal Justice Services	immediately thru 2/28/13

*Final determination of title and pay grade to be made by the Department of Human Resources Classification Division upon submission and review of Request for Classification Review.

3. Justification for this request as an essential grant program need:

The Department of Public Safety was awarded Recovery Act funding in order to support law enforcement technology upgrades that will keep Vermont law enforcement operating with the newest, most reliable, and robust technologies. This is a new position that will be used to help provide support to local and county law enforcement agencies in their development of mobile data capabilities. This position will help bring on an additional 75- 125 new units over the next three years and to provide ongoing support for the already 130 local and county mobile data users.

I certify that this information is correct and that necessary funding, space and equipment for the above position(s) are available (required by 32 VSA Sec. 5(b)).

<u>Tom E. Trumbull</u>	<u>10/19/09</u>
Signature of Agency or Department Head	Date
<u>Molly Paul</u>	<u>10/30/09</u>
Approved/Denied by Department of Human Resources	Date
<u>[Signature]</u>	<u>11/15/09</u>
Approved/Denied by Finance and Management	Date
<u>[Signature]</u>	<u>11/15/09</u>
Approved/Denied by Secretary of Administration	Date

REVISED NOV 04 2009



Department of Justice
Office of Justice Programs

Bureau of Justice Assistance

Office of Justice Programs

Washington, D.C. 20531

July 16, 2009

Commissioner Thomas Tremblay
Vermont Department of Public Safety
103 South Main Street
Waterbury, VT 05671-0001

Dear Commissioner Tremblay:

On behalf of Attorney General Eric Holder, it is my pleasure to inform you that the Office of Justice Programs has approved your application for funding under the FY 09 Recovery Act Edward Byrne Memorial Justice Assistance Grant Program State Solicitation in the amount of \$3,061,782 for Vermont Department of Public Safety.

Enclosed you will find the Grant Award and Special Conditions documents. This award is subject to all administrative and financial requirements, including the timely submission of all financial and programmatic reports, resolution of all interim audit findings, and the maintenance of a minimum level of cash-on-hand. Should you not adhere to these requirements, you will be in violation of the terms of this agreement and the award will be subject to termination for cause or other administrative action as appropriate.

If you have questions regarding this award, please contact:

- Program Questions, Flora D. Lawson, Program Manager at (202) 305-9216; and
- Financial Questions, the Office of the Chief Financial Officer, Customer Service Center (CSC) at (800) 458-0786, or you may contact the CSC at ask.ocfo@usdoj.gov.

Congratulations, and we look forward to working with you.

Sincerely,

James H. Burch II
Acting Director

Enclosures

Program Narrative – Attachment 1

Statement of the Problem

This grant proposal is best summarized by stating that it is a *comprehensive technology upgrade* for most of the electronic systems that serve a wide range of law enforcement agencies in Vermont. Many of the technologies have been *in place for some time and have become outdated, are at the end of their life or have experienced failures* such that they need to be replaced. These projects include:

- An upgrade of the data center that delivers the Vermont Incident Based Report System (VIBRS), a network of services that provide a variety of information to law enforcement.
- An upgrade in the centralized Computer Aided/Records Management System (CAD/RMS) that will allow for mapping and an E 9-1-1 interface. (AKA Spillman Upgrade and E 9-1-1 interface)
- Telephone System and Switch Replacement
- Mobile Data Support Position
- Email Transition
- Mobile Video Equipment Replacement
- Livescan Fingerprint Equipment Replacement

VIBRS Upgrade II

The Vermont Department of Public Safety operates a centralized computer aided dispatch, records management system (CAD/RMS), email system, and network for over 2000 State, Local, and Federal users throughout the state. The Department of Public Safety needs to provide network services that are reliable however the system has been outgrown, is lacking in performance, is not redundant, and is in need of replacement. This grant will allow the department to upgrade key infrastructure components of the system.

The demands of the agencies as they grew in sophistication have bumped up against the inherent design limitations in both the core network and the support structure. This grant request is designed to both create a more full featured network while improving the security posture of the network. It is expected that much of the work involved in the grant will be done through competitive bids and much of it will be modified based on the result of the work of various consultants. Equipment that will be upgraded as a result of this grant will include firewalls, servers, routers, switches, and concentrators.

Spillman Upgrade and E 9-1-1 interface

The Department of Public Safety is upgrading its Spillman law enforcement database to Spillman Sentryx 6.0. This new release has many enhancements including a completely rewritten Geobase module. The Geobase module is Spillman's database of geographic address and map information. The new Geobase module now talks directly to an ArcGIS server. Vermont's E911 agency will be able to replicate their data from their ArcGIS server to our server on a regularly scheduled basis. This means more accurate and up to date addressing information will be available to end users for incidents entered into Spillman as well as accurate information for mapping. The ArcGIS server can also be used, separate from Spillman, as a platform for any of the Vermont's Department of

Public Safety map projects; including pin mapping of criminal activity, motor vehicle accidents, or automatic vehicle location. Maps can be made from the Spillman data stored in Spillman system by the ArcGIS server or maps can be made using any other data available to law enforcement staff.

Spillman Technologies will develop a Voice Over IP (VOIP) E911 interface allows direct connectivity between the Vermont E911 system and the Vermont Spillman system, increasing the speed and efficiency of dispatching emergency or law units to the general public across the state. Vermont PSAP agencies will have the ability to create call and incident entries directly from originating calls rather than manually translating data between systems, the current process. The VOIP E911 interface will increase the quality of mapping data in the Spillman database, allowing for more accurate mapping potentials.

Telephone System and Switch Replacement

The Department of Public Safety owns and operates a private branch exchange (PBX) telephone system for the processing of telephone calls between offices and outside callers. The current system manufactured by Nortel networks have been manufactured discontinued which directly impacts our ability to support and maintain service continuity as seen by our recent outages. The department is currently looking at newer IP technology for replacing this legacy switch, however we have not ruled out using a legacy approach. In either case, the new system will consist of a series of specialized communications servers, gateways, communications managers, and a mixture of telephone sets and other specialized equipment. The signaling between subscriber devices can be a mix of IP, digital or analog. The new system will provide all of the basic telephony features, as well as enhancements which include voice mail and ConnexAll features currently used by the division of Emergency management. Additionally, we will be evaluating the requirements specified as part of our building expansion plans and integrating those needs into any new platform.

Mobile Data Support Position

This is a new position that will be used to help provide support to local and county law enforcement agencies in their development of mobile data capabilities. This position will combine efforts with the current staff (2) that are in place now to help bring on an additional 75- 125 new units over the next three years and to provide ongoing support for the already 130 local and county mobile data users.

Email Transition

Currently the Department of Public Safety operates its own outlook exchange server and delivers email to all the law enforcement users of the VIBRS network. Shortly the Department of Public Safety will be transitioning to the State of Vermont's centralized outlook exchange server. The move to the State of Vermont exchange server will result in variety of user fees for local agencies. Specifically the local and county users will now have to pay for yearly email service on a per user basis, as much as \$65 per year per user. The sum of \$150,000 is intended to offset the cost of email service to the local and county agencies.

Mobile Video Replacement for Vermont State Police

The Vermont State Police operates a fleet of 220 police cars for their Uniform (Patrol) Division. These cars have been equipped with VHS video recording equipment since 1998. This recording

equipment has proven invaluable in recording such incidents as officer involved shootings, operators of motor vehicles suspected of driving while under the influence of alcohol and or drugs, motor vehicle crashes, capturing statements of both victims and offenders involved in criminal complaints and a variety of other situations our troopers encounter on a day to day basis. In fact, our department rules and regulations advise the following:

Members using MVR equipment shall record the following situations/scenes whenever possible:

- (A) Major motor vehicle and criminal enforcement stops
- (B) Police pursuits
- (C) In progress motor vehicle or criminal statute violations
- (D) Traffic collisions involving department vehicles, and, or collisions resulting in injury or death.
- (E) Any situations where the member, because of experience or training, determines that the incident should be documented.
- (F) All searches
- (G) At the discretion of the member, video recording may be terminated (i.e., when documentation is no longer necessary at the scene of an accident).

The equipment in use now is over 12 years old and is quickly becoming unreliable.

The Vermont State Police wishes to replace and upgrade its outdated and failing mobile video recording devices to a more reliable state of the art system.

Livescan Fingerprint Equipment Replacement

Vermont has a number of legacy livescan stations, which are not NIST compliant. As such twenty-two agencies throughout the state are capturing fingerprints on livescan stations which are incapable of electronically transmitting digital fingerprint images or text directly to the Tri-State AFIS (Vermont, New Hampshire, and Maine) system. These non-compliant machines cannot capture palm prints and mug shots cannot be electronically transmitted to or stored by the Tri-State AFIS. All of the Vermont State Police barracks, fourteen (14), use these non-compliant livescan machines.

This inefficiency is a significant issue for VCIC and creates delays for the posting of defendant information to the SOR. Since the in-person registration requirements envisioned in the Adam Walsh Act will in large part be conducted at Vermont State Police barracks and some larger police departments, the inability of these agencies to transmit required digital fingerprints, palm prints, and mug shots is a serious impediment to complete and timely registrations.

In order to facilitate the capture of the SOR data to expedite rapid data transmission and efficient data processing of this SOR information, the Vermont State Police has proposed to replace twelve (12) of these machines through this request.

Recovery Act Outcomes

The projects contained in this grant are extensive technology upgrades that will take time and cross those sections of the Department of Public Safety's, Division of Criminal Justice Services, the hardest. It will be impossible to manage and complete these projects without maintaining the current staff. This grant application also calls for the addition of one position. Therefore, while this grant does not provide for addition funding for existing staff, it does provides a commitment to

technology projects that are needed to make law enforcement more efficient and thus provides extensive work to maintain the status quo for personnel.

Grant expenditure tracking and drawdowns

The State of Vermont realizes the importance of tracking and monitoring the ARRA grants. The State's Department of Finance and Management has set up a special fund code in order to track ARRA grant funding. The Department of Public Safety will add another level of tracking by asking Finance and Management to set up unique project/grant codes to track expenditures of individual ARRA grants. Public Safety will run monthly financial reports that capture expenditures based on the fund and project/grant codes. We will use these monthly reports to perform drawdowns.

Goals and Objectives and timeline of the Project:

The general goal of this project is to support the law enforcement technology upgrades and new technologies needed to keep Vermont law enforcement operating with the newest, most reliable and robust technologies. The specific goals include;

- **The upgrading of the VIBRS network and data center so that it is efficient, reliable and robust.**
 - Write the scope of work for an RFP to hire a consultant to help DPS develop an improved network. September 2009
 - Write the scope of work associated with hiring a consultant to help with the implementation of the new equipment for the new network. September 2009
 - Competitively bid all consulting work and equipment replacement. November – December 2009.
 - Write and award the contracts. January – April 2010
 - Buy the equipment and install. May – December 2010
- **To upgrade the current Spillman Computer Aided Dispatch and Records Management System (CAD/RMS) so that it is the latest release of the Spillman Technologies software and so that it will be compatible with mapping technologies.**
 - Coordinate the upgrade of the CAD/RMS to Spillman Sentryx 6.0. December 2009 – April 2010.
 - Purchase an ArcGIS server. July – September 2009
- **To provide for an interface so that the State of Vermont's E 9-1-1 systems address and name information can auto populate the CAD/RMS.**
 - Develop a contract with Spillman Technologies to write and implement the interface. October 2009 – February 2010.
 - Work with the E 9-1-1 Board Staff to ensure that all privacy issues are met and that all technical issues are overcome. January 2010.
- **To provide for a new telephone system and switch at the Vermont State Police Headquarters building, this is the central hub of the public safety phone system.**
 - Write the scope of work and competitively bid this project picking the best available solution. October 2009 – December 2009
 - Write a contract and manage the contract deliverables which will lead to a new phone system. January – April 2010
 - Implement new phone system. April – August 2010.

- **To provide a support position that will meet the needs of the local and county law enforcement agencies as they expand their mobile data computing capabilities.**
 - Determine whether this job will be a Public Safety position or a position from a local agency that will be paid through a Subgrant.
 - Write or adopt the job specifications.
 - Hire the person. December 2009.

- **To provide funding relief for local and county agencies while the Department of Public Safety transitions away from email service to the State of Vermont's centralized email service.**
 - Determine the exact costs for the local and county agencies. February 2010
 - Write the agreement between the Department of Public Safety (DPS), Department of Innovation and Information (DI&I) and the relevant local and county agencies.
 - The agreement must defer local and county payments for three (3) years.
 - Implement the transition from the DPS exchange server to the DI&I exchange server. November 2010.

- **To upgrade the mobile video in car camera systems.**
 - Bid vehicle and processing room cameras. April 2009
 - Award contract for vehicle and processing room cameras. September 2009
 - Purchase Servers. October 2009
 - Install cameras. November – December 2009
 - Install storage cabinets. November 2009
 - Purchase and install duplicators. December 2009

- **To upgrade and replace the live scan fingerprint equipment.**
 - Bid and award the contract for new live scan devices. December 2009 – April 2010
 - Install the new live scan machines. May 2010 - December 2010.

Performance Measures

All of the projects mentioned in this grant are measured by whether or not something gets purchased and implemented and whether or not a person gets hired. The hiring of the person will also mean that mobile data computing units are installed and service in a timely manner. The measurement will entail a level of satisfaction from the end user agencies. Therefore, all of the objectives mentioned above will be measurements that the goals of this grant are being achieved.

Application Identifier:
Proposed Grant Period:

2009 ARRA JAG Formula Program
3/1/2009-2/28/2013

Adapted for VT DPS from OMB 1121-018f

Budget Detail Worksheet (see Attachment 2b for Budget Narrative)

A. Personnel - List each position by title and name of employee, if available. Show the annual salary rate and the percentage of time to be devoted to the project. Compensation paid for employees engaged in grant activities must be consistent with that paid for similar work within the applicant organization.

Name, Position / Title	Computation			Total Hours	Cost for the Period	
	Hourly Rate	X Number of Hr's Per Week	X Number of Weeks			
1. Information Technology Specialist	\$29.54	45	156	7,020	\$207,370.80	
2. Overtime - Grants Specialist	\$25.75	10	156	1,560	\$40,170.00	* Admin Funds
3.				0	\$0.00	
4.				0	\$0.00	
5.				0	\$0.00	
				8,580		
					Total Personnel	\$247,540.80

B. Fringe Benefits - Fringe benefits should be based on actual known costs or an established formula. Fringe benefits are for the personnel listed in budget category (A) and only for the percentage of time devoted to the project. Fringe benefits on overtime hours are limited to FICA, Workman's Compensation, and Unemployment Compensation.

IT Specialist	Rate	Computation		Cost		
		X Salary	X Hours			
FICA	7.65%	\$207,370.80	7,020.00	\$15,863.87		
Retirement	12.30%	\$207,370.80	7,020.00	\$25,506.61		
Health Insurance	\$5.19	7,020.00	7,020.00	\$36,433.80		
Life Insurance	0.35%	\$207,370.80	7,020.00	\$725.80		
Dental Insurance	\$0.27	7,020.00	7,020.00	\$1,895.40		
EAP (Employee Assistance Program)	\$0.0145	7,020.00	7,020.00	\$101.79		
Worker's Comp	0.48%	\$207,370.80	7,020.00	\$995.38		
Overtime						
FICA	7.65%	\$40,170.00	1,560	\$3,073.01	* Admin Funds	
Retirement	12.30%	\$40,170.00	1,560	\$4,940.91	* Admin Funds	
Worker's Comp	0.48%	\$40,170.00	1,560	\$192.82	* Admin Funds	
					Total Fringe	\$89,729.37

TOTAL PERSONNEL AND FRINGE BENEFITS: \$337,270.17

C. Travel - Itemize travel expenses of project personnel by purpose (e.g., staff to training, field interviews, advisory group meeting, etc.). Show the basis of computation (e.g., six people to 3-day training at \$X airfare, \$X lodging, \$X subsistence). In training projects, travel and meals for trainees should be listed separately. Show the number of trainees and the unit costs involved. Identify the location of travel, if known. Indicate source of Travel Policies applied, Applicant or Federal Travel Regulations.

1. VM Ware Training - Location TBD						
Airfare	2 ppl	1 ticket	@	\$	499.95	\$ 999.90
Hotels	2 ppl	4 days	@	\$	120.00	\$ 960.00
Meals	2 ppl	4 days	@	\$	32.00	\$ 256.00
Reference Visits - Various						
2. Regional Locations						
Hotels	1 ppl	6 days	@	\$	100.00	\$ 600.00
Meals	1 ppl	6 days	@	\$	32.00	\$ 192.00
Mileage	1 ppl	563 miles	@	\$	0.55	\$ 309.65

TOTAL TRAVEL \$3,317.55

D. Equipment - List non-expendable items that are to be purchased. Non-expendable equipment is tangible property having a useful life of more than two years and an acquisition cost of \$5,000 or more per unit. (Note: Organization's own capitalization policy may be used for items costing less than \$5,000). Expendable items should be included either in the "supplies" category or in the "Other" category. Applicants should analyze the cost benefits or purchasing versus leasing equipment, especially high cost items and those subject to rapid technical advances. Rented or leased equipment costs should be listed in the "Contractual" category. Explain how the equipment is necessary for the success of the project. Attach a narrative describing the procurement method to be used.

1. HP DL360 G5 Servers	3 @	\$	6,000.00 ea	\$	18,000.00
2. Firewall	1 @	\$	96,000.00 ea	\$	96,000.00
3. Cental Router	1 @	\$	48,000.00 ea	\$	48,000.00
4. Cental Switches	3 @	\$	64,000.00 ea	\$	192,000.00
5. VPN Connectors	2 @	\$	40,000.00 ea	\$	80,000.00
6. Field Routers	40 @	\$	3,040.00 ea	\$	121,600.00
7. Dedicated Infrastructure Servers	2 @	\$	4,450.00 ea	\$	8,900.00
8. ArcGIS Server Software	1 @	\$	20,000.00 ea	\$	20,000.00
9. ArcEditor	2 @	\$	5,500.00 ea	\$	11,000.00
10. ArcEditor Maintenance	1 @	\$	1,500.00 ea	\$	1,500.00
11. ArcGIS Server Hardware	1 @	\$	6,500.00 ea	\$	6,500.00
12. Server OS	1 @	\$	500.00 ea	\$	500.00
13. SQL Database Upgrade	1 @	\$	5,000.00 ea	\$	5,000.00
14. Communications Server	2 @	\$	121,563.00 ea	\$	243,106.00

15 Gateway	2 @	\$	68,500.00 ea	\$	137,000.00
16 Communications Manager	2 @	\$	24,000.00 ea	\$	48,000.00
17 Subscriber Units	225 @	\$	142.00 ea	\$	31,950.00
18 Livescan Machines	12 @	\$	30,000.00 ea	\$	360,000.00
19 Digital In-Car Cameras	97 @	\$	6,292.00 ea	\$	610,324.00
20 Digital Processing Room Cameras	14 @	\$	5,123.00 ea	\$	71,722.00
21 Data Tracker Servers	14 @	\$	3,286.00 ea	\$	46,004.00
22 DVD Storage Files	14 @	\$	1,095.00 ea	\$	15,330.00
23 DVD Duplicators	14 @	\$	473.00 ea	\$	6,622.00

TOTAL EQUIPMENT: **\$2,179,058.00**

E. Supplies - List items by type (office supplies, postage, training materials, copying paper, and expandable equipment items costing less than \$5,000, such as books, hand held tape recorders) and show the basis for computation. (Note: Organization's own capitalization policy may be used for items costing less than \$5,000). Generally, supplies include any materials that are expendable or consumed during the course of the project.

TOTAL SUPPLIES: **\$0.00**

F. Construction - As a rule, construction costs are not allowable. In some cases, minor repairs or renovations may be allowable. Check with the program office before budgeting funds in this category.

TOTAL CONSTRUCTION: **\$0.00**

G. Consultants/Contracts - Indicate whether applicant's formal, written Procurement Policy or the Federal Acquisition Regulations are followed.

Consultant Fees: For each consultant enter the name, if known, service to be provided, hourly or daily fee (8-hour day), and the estimated time on the project. Consultant fees in excess of \$450 per day require additional justification and prior approval from OJP.

Sub-Total: **\$0.00**

Consultant Expenses: List all expenses to be paid from the grant to the individual consultants in addition to their fees (i.e., travel, meals, lodging, etc.)

Sub-Total: **\$0.00**

Contracts: Provide a description of the product or service to be procured by contract and an estimate of the cost. Applicants are encouraged to promote free and open competition in awarding contracts. A separate justification must be provided for sole source contracts in excess of \$100,000.

1. VIBRS Network Consulting	Personal Services Contract	Vendor TBD	\$	27,520.00
2. VIBRS Network Monitoring	Personal Services Contract	Vendor TBD	\$	23,000.00
3. VIBRS Implementation Support GeoBase Module	Personal Services Contract	Vendor TBD	\$	73,750.00
4. Consulting/Maintenance E911 Interface Management/Installation and	Personal Services Contract	Spillman Technologies	\$	20,490.00
5. Maintenance Telephone System & Switch	Personal Services Contract	Spillman Technologies	\$	41,960.00
6. Replacement Installation Services	Personal Services Contract	Vendor TBD	\$	27,795.00

TOTAL CONTRACTS / CONSULTANTS: **\$214,515.00**

H. Other Costs - List items (e.g., rent, reproduction, telephone, janitorial or security services, and investigative or confidential funds) by major type and the basis of the computation: For example, provide the square footage and the cost per square foot for rent, or provide a monthly rental cost and how many months to rent.

1. VMware Enterprise License	1 @	\$	32,000.00 ea	\$	32,000.00	
2. MS Data Center License	3 @	\$	3,000.00 ea	\$	9,000.00	
3. Spillman Test Server License	1 @	\$	4,500.00 ea	\$	4,500.00	
4. Training Material	1 @	\$	3,500.00 ea	\$	3,500.00	
5. State of VT email fees	770 @	\$	195.00 ea	\$	150,150.00	
6. VISION Accounting System	1% of grant budget	\$	3,061,782.00	\$	30,617.82	* Admin Funds
6. DII fees	2% of grant budget	\$	3,061,782.00	\$	61,235.64	* Admin Funds
7. Single Audit Cost Allocation	1% of grant budget	\$	3,061,782.00	\$	30,617.82	* Admin Funds
8. Registration - Training	2 @	\$	3,000.00	\$	6,000.00	

TOTAL OTHER: **\$327,621.28**

I. Indirect Costs - Indirect costs are allowed only if the applicant has a Federally approved indirect cost rate. A copy of the rate approval (a fully executed, negotiated agreement), must be attached. If the applicant does not have an approved rate, one can be requested by contacting the applicant's cognizant Federal agency, which will review all documentation and approve a rate for the applicant organization, or if the applicant's accounting system permits, costs may be allocated in direct costs categories.

TOTAL INDIRECT: **\$0.00**

TOTAL PROJECT COST: **\$3,061,782.00**

Budget Summary

Budget Category	Amount
A. Personnel	\$247,540.80
B. Fringe Benefits	\$89,729.37
C. Travel	\$3,317.55
D. Equipment	\$2,179,058.00
E. Supplies	\$0.00
F. Construction	\$0.00
G. Consultants/Contracts	\$214,515.00
H. Other	\$327,621.28
Total Direct Costs	\$3,061,782.00
I. Indirect Costs	\$0.00
TOTAL PROJECT COSTS	\$3,061,782.00

Federal Request	\$3,061,782.00
Non-Federal Amount	\$0.00

*Admin Funds	
Total	\$170,848.02

Budget Narrative – Attachment 2b

A. Personnel & B. Fringe Benefits

IT Specialist \$288,893.44

The Vermont Department of Public Safety is seeking to employ or offer a grant opportunity to hire an Information Technology Specialist to work through the help with the implementation and support of the mobile data computers being brought on line in the local and county agencies. A job description is listed below.

PUBLIC SAFETY INFORMATION TECHNOLOGY SPECIALIST

Class Definition:

Technical work providing support for the operation of large and small computer and telecommunications systems, all operating systems, security standards and protocols within the systems, hardware configurations and network connections for a department or agency of Vermont State Government. Incumbents in this class are expected to perform assignments with a high degree of independent action and may provide some instruction or assistance to entry level specialists. Work is performed under the supervision of an administrative or technical supervisor.

Examples of Work:

Works with department and unit staff to establish optimal solutions to computing or telecommunications problems and performs the design of technical solutions. Designs new computer applications and modifications to existing systems, specifically in the mobile environment. Installs and analyzes operating systems, network configurations, communications, and software. Responsible for in-house computer system or network including development of applications and system maintenance. Reviews and recommends technical purchases. Responds to user problems and works with users on problem definition and solutions. Performs hardware and software evaluations. Executes security provisions in accordance with established procedures. Provides reports as assigned. Performs related duties as required.

This position will be hired for a three year period and the State of Vermont will commit to a fourth year funding. The fourth year will be funded through a chargeback to the mobile data computer users. The Department of Public Safety and the State of Vermont uses a formula system to fund its delivery of technology to a variety of state, municipal and county users. The cost of this position will be supported in the fourth year through increasing the charges to the user agencies.

Grants Specialist (Overtime) \$48,376.73 (*Admin Funds)

Due to the transparency requirement of the ARRA funding, the Department of Public Safety anticipates that there will need to be a significant amount of time spent on preparing reports. The Grants Specialist will be tasked with compiling these reports on an overtime basis.

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State of Vermont
 Department of Finance & Management
 109 State Street, Pavilion Building
 Montpelier, VT 05620-0401

Agency of Administration

[phone] 802-828-2376
 [fax] 802-828-2428

STATE OF VERMONT
FINANCE & MANAGEMENT GRANT REVIEW FORM

Grant Summary:		Edw Byrne Justice Assistance Grant (JAG) under the American Recovery and Reinvestment Act (ARRA) formula grant for comprehensive IT system upgrade for a wide range of Vermont law enforcement agencies.			
Date:		12/02/2009			
Department:		Department of Public Safety			
Legal Title of Grant:		Recovery Act Edward Byrne Memorial Justice Assistance Grant (JAG) program			
Federal Catalog #:		16.803			
Grant/Donor Name and Address:		U.S. Department of Justice			
Grant Period:		From:	To:		
		3/1/2009	2/28/2013		
Grant/Donation					
	SFY 1	SFY 2	SFY 3	Total	Comments
Grant Amount:	\$566,085	\$970,431	\$970,431	\$3,061,782	SFY 4 will use balance \$554,835.
Position Information:		# Positions	Explanation/Comments		
		1	IT Specialist		
Additional Comments:					
This formula grant does not need a Clapp or a lawfully admitted service position as the grant does.					
Department of Finance & Management				<i>[Signature]</i>	(Initial) <i>VB</i>
Secretary of Administration				<i>[Signature]</i>	(Initial)
Sent To Joint Fiscal Office				12/2/09	Date

RECEIVED
 DEC 03 2009
JOINT FISCAL OFFICE

	SFY10	SFY11	SFY12	SFY13	Total
Personnel Costs	39,373.36	67,497.20	67,497.20	28,123.83	202,491.59
3rd Party Contracts	39,515.92	67,741.58	67,741.58	39,515.92	214,515.00
Operating Expenses	462,373.47	792,640.23	792,640.23	462,373.47	2,510,027.41
Grants/Sub-Awards	24,822.00	42,552.00	42,552.00	24,822.00	134,748.00
	566,084.76	970,431.01	970,431.01	554,835.22	3,061,782.00



State of Vermont
Agency of Administration
Office of Economic Stimulus and Recovery
Pavilion Office Building
109 State Street
Montpelier, VT 05609-0201
www.vermont.recovery.gov

[phone] 802-828-1354
[fax] 802-828-3320

December 2, 2009

To: Joint Fiscal Office

From: Mel Adams, Director 

Subject: Request to Expedite Position Approval for ARRA Formula Grant

In light of the ARRA goal and expressed intent of the Vermont legislature and the Governor that stimulus money be put to work as quickly as possible to help alleviate unemployment and stimulate the economy, I am requesting expedited consideration by the Joint Fiscal Committee on the position request for the Byrne Jag Formula grant. Although the award amount was announced in the spring, the Department of Justice required Public Safety to obtain waivers from all law enforcement entries in Vermont prior to granting the award. Moreover, cruisers have been sitting in the parking lot, unused, until the IT person is hired to install the IT equipment. Additionally the 'locals' do not have any IT support for their IT equipment installation.

Thank you for your consideration.

**STATE OF VERMONT
Joint Fiscal Committee Review
Limited Service - Grant Funded
Position Request Form**

This form is to be used by agencies and departments when additional grant funded positions are being requested. Review and approval by the Department of Human Resources must be obtained prior to review by the Department of Finance and Management. The Department of Finance will forward requests to the Joint Fiscal Office for JFC review. A Request for Classification Review Form (RFR) and an updated organizational chart showing to whom the new position(s) would report must be attached to this form. Please attach additional pages as necessary to provide enough detail.

Agency/Department: Public Safety Date: 09/25/09

Name and Phone (of the person completing this request): Phyllis Martin; 241-5392

Request is for:

- Positions funded and attached to a new grant.
 Positions funded and attached to an existing grant approved by JFO # _____

1. Name of Granting Agency, Title of Grant, Grant Funding Detail (attach grant documents):

U.S. Department of Justice

FY09 Recovery Act Edward Byrne Memorial Justice Assistance Grant Program

See attached application and award document.

2. List below titles, number of positions in each title, program area, and limited service end date (information should be based on grant award and should match information provided on the RFR) position(s) will be established only after JFC final approval:

<u>Title* of Position(s) Requested</u>	<u># of Positions</u>	<u>Division/Program</u>	<u>Grant Funding Period/Anticipated End Date</u>
IT Specialist	1	Criminal Justice Services	immediately thru 2/28/13

*Final determination of title and pay grade to be made by the Department of Human Resources Classification Division upon submission and review of Request for Classification Review.

3. Justification for this request as an essential grant program need:

The Department of Public Safety was awarded Recovery Act funding in order to support law enforcement technology upgrades that will keep Vermont law enforcement operating with the newest, most reliable, and robust technologies. This is a new position that will be used to help provide support to local and county law enforcement agencies in their development of mobile data capabilities. This position will help bring on an additional 75- 125 new units over the next three years and to provide ongoing support for the already 130 local and county mobile data users.

I certify that this information is correct and that necessary funding, space and equipment for the above position(s) are available (required by 32 VSA Sec. 5(b)).

Tim L. Trull 10/12/09
 Signature of Agency or Department Head Date

Molly Dunlap 10/30/09
 Approved/Denied by Department of Human Resources Date

[Signature] 11/15/09
 Approved/Denied by Finance and Management Date

[Signature] 11/15/09
 Approved/Denied by Secretary of Administration Date

REVISED NOV 04 2009



Department of Justice
Office of Justice Programs

Bureau of Justice Assistance

Office of Justice Programs

Washington, D.C. 20531

July 16, 2009

Commissioner Thomas Tremblay
Vermont Department of Public Safety
103 South Main Street
Waterbury, VT 05671-0001

Dear Commissioner Tremblay:

On behalf of Attorney General Eric Holder, it is my pleasure to inform you that the Office of Justice Programs has approved your application for funding under the FY 09 Recovery Act Edward Byrne Memorial Justice Assistance Grant Program State Solicitation in the amount of \$3,061,782 for Vermont Department of Public Safety.

Enclosed you will find the Grant Award and Special Conditions documents. This award is subject to all administrative and financial requirements, including the timely submission of all financial and programmatic reports, resolution of all interim audit findings, and the maintenance of a minimum level of cash-on-hand. Should you not adhere to these requirements, you will be in violation of the terms of this agreement and the award will be subject to termination for cause or other administrative action as appropriate.

If you have questions regarding this award, please contact:

- Program Questions, Flora D. Lawson, Program Manager at (202) 305-9216; and
- Financial Questions, the Office of the Chief Financial Officer, Customer Service Center (CSC) at (800) 458-0786, or you may contact the CSC at ask.ocfo@usdoj.gov.

Congratulations, and we look forward to working with you.

Sincerely,

A handwritten signature in black ink, appearing to read "James H. Burch II".

James H. Burch II
Acting Director

Enclosures

Program Narrative – Attachment 1

Statement of the Problem

This grant proposal is best summarized by stating that it is a *comprehensive technology upgrade* for most of the electronic systems that serve a wide range of law enforcement agencies in Vermont. Many of the technologies have been *in place for some time and have become outdated, are at the end of their life or have experienced failures* such that they need to be replaced. These projects include:

- An upgrade of the data center that delivers the Vermont Incident Based Report System (VIBRS), a network of services that provide a variety of information to law enforcement.
- An upgrade in the centralized Computer Aided/Records Management System (CAD/RMS) that will allow for mapping and an E 9-1-1 interface. (AKA Spillman Upgrade and E 9-1-1 interface)
- Telephone System and Switch Replacement
- Mobile Data Support Position
- Email Transition
- Mobile Video Equipment Replacement
- Livescan Fingerprint Equipment Replacement

VIBRS Upgrade II

The Vermont Department of Public Safety operates a centralized computer aided dispatch, records management system (CAD/RMS), email system, and network for over 2000 State, Local, and Federal users throughout the state. The Department of Public Safety needs to provide network services that are reliable however the system has been outgrown, is lacking in performance, is not redundant, and is in need of replacement. This grant will allow the department to upgrade key infrastructure components of the system.

The demands of the agencies as they grew in sophistication have bumped up against the inherent design limitations in both the core network and the support structure. This grant request is designed to both create a more full featured network while improving the security posture of the network. It is expected that much of the work involved in the grant will be done through competitive bids and much of it will be modified based on the result of the work of various consultants. Equipment that will be upgraded as a result of this grant will include firewalls, servers, routers, switches, and concentrators.

Spillman Upgrade and E 9-1-1 interface

The Department of Public Safety is upgrading its Spillman law enforcement database to Spillman Sentryx 6.0. This new release has many enhancements including a completely rewritten Geobase module. The Geobase module is Spillman's database of geographic address and map information. The new Geobase module now talks directly to an ArcGIS server. Vermont's E911 agency will be able to replicate their data from their ArcGIS server to our server on a regularly scheduled basis. This means more accurate and up to date addressing information will be available to end users for incidents entered into Spillman as well as accurate information for mapping. The ArcGIS server can also be used, separate from Spillman, as a platform for any of the Vermont's Department of

Public Safety map projects; including pin mapping of criminal activity, motor vehicle accidents, or automatic vehicle location. Maps can be made from the Spillman data stored in Spillman system by the ArcGIS server or maps can be made using any other data available to law enforcement staff.

Spillman Technologies will develop a Voice Over IP (VOIP) E911 interface allows direct connectivity between the Vermont E911 system and the Vermont Spillman system, increasing the speed and efficiency of dispatching emergency or law units to the general public across the state. Vermont PSAP agencies will have the ability to create call and incident entries directly from originating calls rather than manually translating data between systems, the current process. The VOIP E911 interface will increase the quality of mapping data in the Spillman database, allowing for more accurate mapping potentials.

Telephone System and Switch Replacement

The Department of Public Safety owns and operates a private branch exchange (PBX) telephone system for the processing of telephone calls between offices and outside callers. The current system manufactured by Nortel networks have been manufactured discontinued which directly impacts our ability to support and maintain service continuity as seen by our recent outages. The department is currently looking at newer IP technology for replacing this legacy switch, however we have not ruled out using a legacy approach. In either case, the new system will consist of a series of specialized communications servers, gateways, communications managers, and a mixture of telephone sets and other specialized equipment. The signaling between subscriber devices can be a mix of IP, digital or analog. The new system will provide all of the basic telephony features, as well as enhancements which include voice mail and ConnexAll features currently used by the division of Emergency management. Additionally, we will be evaluating the requirements specified as part of our building expansion plans and integrating those needs into any new platform.

Mobile Data Support Position

This is a new position that will be used to help provide support to local and county law enforcement agencies in their development of mobile data capabilities. This position will combine efforts with the current staff (2) that are in place now to help bring on an additional 75- 125 new units over the next three years and to provide ongoing support for the already 130 local and county mobile data users.

Email Transition

Currently the Department of Public Safety operates its own outlook exchange server and delivers email to all the law enforcement users of the VIBRS network. Shortly the Department of Public Safety will be transitioning to the State of Vermont's centralized outlook exchange server. The move to the State of Vermont exchange server will result in variety of user fees for local agencies. Specifically the local and county users will now have to pay for yearly email service on a per user basis, as much as \$65 per year per user. The sum of \$150,000 is intended to offset the cost of email service to the local and county agencies.

Mobile Video Replacement for Vermont State Police

The Vermont State Police operates a fleet of 220 police cars for their Uniform (Patrol) Division. These cars have been equipped with VHS video recording equipment since 1998. This recording

equipment has proven invaluable in recording such incidents as officer involved shootings, operators of motor vehicles suspected of driving while under the influence of alcohol and or drugs, motor vehicle crashes, capturing statements of both victims and offenders involved in criminal complaints and a variety of other situations our troopers encounter on a day to day basis. In fact, our department rules and regulations advise the following:

Members using MVR equipment shall record the following situations/scenes whenever possible:

- (A) Major motor vehicle and criminal enforcement stops
- (B) Police pursuits
- (C) In progress motor vehicle or criminal statute violations
- (D) Traffic collisions involving department vehicles, and, or collisions resulting in injury or death.
- (E) Any situations where the member, because of experience or training, determines that the incident should be documented.
- (F) All searches
- (G) At the discretion of the member, video recording may be terminated (i.e., when documentation is no longer necessary at the scene of an accident).

The equipment in use now is over 12 years old and is quickly becoming unreliable.

The Vermont State Police wishes to replace and upgrade its outdated and failing mobile video recording devices to a more reliable state of the art system.

Livescan Fingerprint Equipment Replacement

Vermont has a number of legacy livescan stations, which are not NIST compliant. As such twenty-two agencies throughout the state are capturing fingerprints on livescan stations which are incapable of electronically transmitting digital fingerprint images or text directly to the Tri-State AFIS (Vermont, New Hampshire, and Maine) system. These non-compliant machines cannot capture palm prints and mug shots cannot be electronically transmitted to or stored by the Tri-State AFIS. All of the Vermont State Police barracks, fourteen (14), use these non-compliant livescan machines.

This inefficiency is a significant issue for VCIC and creates delays for the posting of defendant information to the SOR. Since the in-person registration requirements envisioned in the Adam Walsh Act will in large part be conducted at Vermont State Police barracks and some larger police departments, the inability of these agencies to transmit required digital fingerprints, palm prints, and mug shots is a serious impediment to complete and timely registrations.

In order to facilitate the capture of the SOR data to expedite rapid data transmission and efficient data processing of this SOR information, the Vermont State Police has proposed to replace twelve (12) of these machines through this request.

Recovery Act Outcomes

The projects contained in this grant are extensive technology upgrades that will take time and cross those sections of the Department of Public Safety's, Division of Criminal Justice Services, the hardest. It will be impossible to manage and complete these projects without maintaining the current staff. This grant application also calls for the addition of one position. Therefore, while this grant does not provide for addition funding for existing staff, it does provides a commitment to

technology projects that are needed to make law enforcement more efficient and thus provides extensive work to maintain the status quo for personnel.

Grant expenditure tracking and drawdowns

The State of Vermont realizes the importance of tracking and monitoring the ARRA grants. The State's Department of Finance and Management has set up a special fund code in order to track ARRA grant funding. The Department of Public Safety will add another level of tracking by asking Finance and Management to set up unique project/grant codes to track expenditures of individual ARRA grants. Public Safety will run monthly financial reports that capture expenditures based on the fund and project/grant codes. We will use these monthly reports to perform drawdowns.

Goals and Objectives and timeline of the Project:

The general goal of this project is to support the law enforcement technology upgrades and new technologies needed to keep Vermont law enforcement operating with the newest, most reliable and robust technologies. The specific goals include;

- **The upgrading of the VIBRS network and data center so that it is efficient, reliable and robust.**
 - Write the scope of work for an RFP to hire a consultant to help DPS develop an improved network. September 2009
 - Write the scope of work associated with hiring a consultant to help with the implementation of the new equipment for the new network. September 2009
 - Competitively bid all consulting work and equipment replacement. November – December 2009.
 - Write and award the contracts. January – April 2010
 - Buy the equipment and install. May – December 2010

- **To upgrade the current Spillman Computer Aided Dispatch and Records Management System (CAD/RMS) so that it is the latest release of the Spillman Technologies software and so that it will be compatible with mapping technologies.**
 - Coordinate the upgrade of the CAD/RMS to Spillman Sentryx 6.0. December 2009 – April 2010.
 - Purchase an ArcGIS server. July – September 2009

- **To provide for an interface so that the State of Vermont's E 9-1-1 systems address and name information can auto populate the CAD/RMS.**
 - Develop a contract with Spillman Technologies to write and implement the interface. October 2009 – February 2010.
 - Work with the E 9-1-1 Board Staff to ensure that all privacy issues are met and that all technical issues are overcome. January 2010.

- **To provide for a new telephone system and switch at the Vermont State Police Headquarters building, this is the central hub of the public safety phone system.**
 - Write the scope of work and competitively bid this project picking the best available solution. October 2009 – December 2009
 - Write a contract and manage the contract deliverables which will lead to a new phone system. January – April 2010
 - Implement new phone system. April – August 2010.

- **To provide a support position that will meet the needs of the local and county law enforcement agencies as they expand their mobile data computing capabilities.**
 - Determine whether this job will be a Public Safety position or a position from a local agency that will be paid through a Subgrant.
 - Write or adopt the job specifications.
 - Hire the person. December 2009.

- **To provide funding relief for local and county agencies while the Department of Public Safety transitions away from email service to the State of Vermont's centralized email service.**
 - Determine the exact costs for the local and county agencies. February 2010
 - Write the agreement between the Department of Public Safety (DPS), Department of Innovation and Information (DI&I) and the relevant local and county agencies.
 - The agreement must defer local and county payments for three (3) years.
 - Implement the transition from the DPS exchange server to the DI&I exchange server. November 2010.

- **To upgrade the mobile video in car camera systems.**
 - Bid vehicle and processing room cameras. April 2009
 - Award contract for vehicle and processing room cameras. September 2009
 - Purchase Servers. October 2009
 - Install cameras. November – December 2009
 - Install storage cabinets. November 2009
 - Purchase and install duplicators. December 2009

- **To upgrade and replace the live scan fingerprint equipment.**
 - Bid and award the contract for new live scan devices. December 2009 – April 2010
 - Install the new live scan machines. May 2010 - December 2010.

Performance Measures

All of the projects mentioned in this grant are measured by whether or not something gets purchased and implemented and whether or not a person gets hired. The hiring of the person will also mean that mobile data computing units are installed and service in a timely manner. The measurement will entail a level of satisfaction from the end user agencies. Therefore, all of the objectives mentioned above will be measurements that the goals of this grant are being achieved.

Grant Application Identifier:
Proposed Grant Period:

2009 ARRA JAG Formula Program
3/1/2009-2/28/2013

Adapted for VT DPS from OMB 1121-0188

Budget Detail Worksheet (see Attachment 2b for Budget Narrative)

A. Personnel - List each position by title and name of employee, if available. Show the annual salary rate and the percentage of time to be devoted to the project. Compensation paid for employees engaged in grant activities must be consistent with that paid for similar work within the applicant organization.

Name, Position / Title	Computation					Cost for the Period
	Hourly Rate	X Number of Hr's Per Week	X Number of Weeks	Total Hours		
1. Information Technology Specialist	\$29.54	45	156	7,020		\$207,370.80
2. Overtime - Grants Specialist	\$25.75	10	156	1,560		\$40,170.00 * Admin Funds
3.				0		\$0.00
4.				0		\$0.00
5.				0		\$0.00
				8,580		
Total Personnel:						\$247,540.80

B. Fringe Benefits - Fringe benefits should be based on actual known costs or an established formula. Fringe benefits are for the personnel listed in budget category (A) and only for the percentage of time devoted to the project. Fringe benefits on overtime hours are limited to FICA, Workman's Compensation, and Unemployment Compensation.

IT Specialist	Rate	Computation		Cost		
FICA	7.65%	X Salary	\$207,370.80		\$15,863.87	
Retirement	12.30%	X Salary	\$207,370.80		\$25,506.61	
Health Insurance	\$5.19	X Hours	7,020.00		\$36,433.80	
Life Insurance	0.35%	X Salary	\$207,370.80		\$725.80	
Dental Insurance	\$0.27	X Hours	7,020.00		\$1,895.40	
EAP (Employee Assistance Program)	\$0.0145	X Hours	7,020.00		\$101.79	
Worker's Comp	0.48%	X Salary	\$207,370.80		\$995.38	
<hr/>						
Overtime						
FICA	7.65%	X Salary	\$40,170.00		\$3,073.01 * Admin Funds	
Retirement	12.30%	X Salary	\$40,170.00		\$4,940.91 * Admin Funds	
Worker's Comp	0.48%	X Salary	\$40,170.00		\$192.82 * Admin Funds	
					Total Fringe	\$89,729.37

TOTAL PERSONNEL AND FRINGE BENEFITS: \$337,270.17

C. Travel - Itemize travel expenses of project personnel by purpose (e.g., staff to training, field interviews, advisory group meeting, etc.). Show the basis of computation (e.g., six people to 3-day training at \$X airfare, \$X lodging, \$X subsistence). In training projects, travel and meals for trainees should be listed separately. Show the number of trainees and the unit costs involved. Identify the location of travel, if known. Indicate source of Travel Policies applied, Applicant or Federal Travel Regulations.

1. VM Ware Training - Location TBD						
Airfare	2 ppl	1 ticket	@	\$	499.95	\$ 999.90
Hotels	2 ppl	4 days	@	\$	120.00	\$ 960.00
Meals	2 ppl	4 days	@	\$	32.00	\$ 256.00
Reference Visits - Various						
2. Regional Locations						
Hotels	1 ppl	6 days	@	\$	100.00	\$ 600.00
Meals	1 ppl	6 days	@	\$	32.00	\$ 192.00
Mileage	1 ppl	563 miles	@	\$	0.55	\$ 309.65

TOTAL TRAVEL \$3,317.55

D. Equipment - List non-expendable items that are to be purchased. Non-expendable equipment is tangible property having a useful life of more than two years and an acquisition cost of \$5,000 or more per unit. (Note: Organization's own capitalization policy may be used for items costing less than \$5,000). Expendable items should be included either in the "supplies" category or in the "Other" category. Applicants should analyze the cost benefits or purchasing versus leasing equipment, especially high cost items and those subject to rapid technical advances. Rented or leased equipment costs should be listed in the "Contractual" category. Explain how the equipment is necessary for the success of the project. Attach a narrative describing the procurement method to be used.

1. HP DL360 G5 Servers	3 @	\$	6,000.00 ea	\$	18,000.00
2. Firewall	1 @	\$	96,000.00 ea	\$	96,000.00
3. Central Router	1 @	\$	48,000.00 ea	\$	48,000.00
4. Central Switches	3 @	\$	64,000.00 ea	\$	192,000.00
5. VPN Connectors	2 @	\$	40,000.00 ea	\$	80,000.00
6. Field Routers	40 @	\$	3,040.00 ea	\$	121,600.00
7. Dedicated Infrastructure Servers	2 @	\$	4,450.00 ea	\$	8,900.00
8. ArcGIS Server Software	1 @	\$	20,000.00 ea	\$	20,000.00
9. ArcEditor	2 @	\$	5,500.00 ea	\$	11,000.00
10. ArcEditor Maintenance	1 @	\$	1,500.00 ea	\$	1,500.00
11. ArcGIS Server Hardware	1 @	\$	6,500.00 ea	\$	6,500.00
12. Server OS	1 @	\$	500.00 ea	\$	500.00
13. SQL Database Upgrade	1 @	\$	5,000.00 ea	\$	5,000.00
14. Communications Server	2 @	\$	121,553.00 ea	\$	243,106.00

15 Gateway	2 @	\$	68,500.00 ea	\$	137,000.00
16 Communications Manager	2 @	\$	24,000.00 ea	\$	48,000.00
17 Subscriber Units	225 @	\$	142.00 ea	\$	31,950.00
18 Livescan Machines	12 @	\$	30,000.00 ea	\$	360,000.00
19 Digital In-Car Cameras	97 @	\$	6,292.00 ea	\$	610,324.00
20 Digital Processing Room Cameras	14 @	\$	5,123.00 ea	\$	71,722.00
21 Data Tracker Servers	14 @	\$	3,286.00 ea	\$	46,004.00
22 DVD Storage Files	14 @	\$	1,095.00 ea	\$	15,330.00
23 DVD Duplicators	14 @	\$	473.00 ea	\$	6,622.00

TOTAL EQUIPMENT: **\$2,179,058.00**

E. Supplies - List items by type (office supplies, postage, training materials, copying paper, and expandable equipment items costing less than \$5,000, such as books, hand held tape recorders) and show the basis for computation. (Note: Organization's own capitalization policy may be used for items costing less than \$5,000). Generally, supplies include any materials that are expendable or consumed during the course of the project.

TOTAL SUPPLIES: **\$0.00**

F. Construction - As a rule, construction costs are not allowable. In some cases, minor repairs or renovations may be allowable. Check with the program office before budgeting funds in this category.

TOTAL CONSTRUCTION: **\$0.00**

G. Consultants/Contracts - Indicate whether applicant's formal, written Procurement Policy or the Federal Acquisition Regulations are followed.

Consultant Fees: For each consultant enter the name, if known, service to be provided, hourly or daily fee (8-hour day), and the estimated time on the project. Consultant fees in excess of \$450 per day require additional justification and prior approval from OJP.

Sub-Total: **\$0.00**

Consultant Expenses: List all expenses to be paid from the grant to the individual consultants in addition to their fees (i.e., travel, meals, lodging, etc.)

Sub-Total: **\$0.00**

Contracts: Provide a description of the product or service to be procured by contract and an estimate of the cost. Applicants are encouraged to promote free and open competition in awarding contracts. A separate justification must be provided for sole source contracts in excess of \$100,000.

1. VIBRS Network Consulting	Personal Services Contract	Vendor TBD	\$	27,520.00
2. VIBRS Network Monitoring	Personal Services Contract	Vendor TBD	\$	23,000.00
3. VIBRS Implementation Support GeoBase Module	Personal Services Contract	Vendor TBD	\$	73,750.00
4. Consulting/Maintenance E911 Interface Management/Installation and	Personal Services Contract	Spillman Technologies	\$	20,490.00
5. Maintenance	Personal Services Contract	Spillman Technologies	\$	41,960.00
6. Telephone System & Switch Replacement Installation Services	Personal Services Contract	Vendor TBD	\$	27,795.00

TOTAL CONTRACTS / CONSULTANTS: **\$214,515.00**

H. Other Costs - List items (e.g., rent, reproduction, telephone, janitorial or security services, and investigative or confidential funds) by major type and the basis of the computation: For example, provide the square footage and the cost per square foot for rent, or provide a monthly rental cost and how many months to rent.

1. VMware Enterprise License	1 @	\$	32,000.00 ea	\$	32,000.00	
2. MS Data Center License	3 @	\$	3,000.00 ea	\$	9,000.00	
3. Spillman Test Server License	1 @	\$	4,500.00 ea	\$	4,500.00	
4. Training Material	1 @	\$	3,500.00 ea	\$	3,500.00	
5. State of VT email fees	770 @	\$	195.00 ea	\$	150,150.00	
6. VISION Accounting System	1% of grant budget	\$	3,061,782.00	\$	30,617.82	* Admin Funds
7. DII fees	2% of grant budget	\$	3,061,782.00	\$	61,235.64	* Admin Funds
8. Single Audit Cost Allocation	1% of grant budget	\$	3,061,782.00	\$	30,617.82	* Admin Funds
9. Registration - Training	2 @	\$	3,000.00	\$	6,000.00	

TOTAL OTHER: **\$327,621.28**

I. Indirect Costs - Indirect costs are allowed only if the applicant has a Federally approved indirect cost rate. A copy of the rate approval (a fully executed, negotiated agreement), must be attached. If the applicant does not have an approved rate, one can be requested by contacting the applicant's cognizant Federal agency, which will review all documentation and approve a rate for the applicant organization, or if the applicant's accounting system permits, costs may be allocated in direct costs categories.

TOTAL INDIRECT: **\$0.00**

TOTAL PROJECT COST: **\$3,061,782.00**

Budget Summary

Budget Category	Amount
A. Personnel	\$247,540.80
B. Fringe Benefits	\$89,729.37
C. Travel	\$3,317.55
D. Equipment	\$2,179,058.00
E. Supplies	\$0.00
F. Construction	\$0.00
G. Consultants/Contracts	\$214,515.00
H. Other	\$327,621.28
Total Direct Costs	\$3,061,782.00
I. Indirect Costs	\$0.00
TOTAL PROJECT COSTS	\$3,061,782.00

Federal Request	\$3,061,782.00
Non-Federal Amount	\$0.00

*Admin Funds	
Total	\$170,848.02

Budget Narrative – Attachment 2b

A. Personnel & B. Fringe Benefits

IT Specialist \$288,893.44

The Vermont Department of Public Safety is seeking to employ or offer a grant opportunity to hire an Information Technology Specialist to work through the help with the implementation and support of the mobile data computers being brought on line in the local and county agencies. A job description is listed below.

PUBLIC SAFETY INFORMATION TECHNOLOGY SPECIALIST

Class Definition:

Technical work providing support for the operation of large and small computer and telecommunications systems, all operating systems, security standards and protocols within the systems, hardware configurations and network connections for a department or agency of Vermont State Government. Incumbents in this class are expected to perform assignments with a high degree of independent action and may provide some instruction or assistance to entry level specialists. Work is performed under the supervision of an administrative or technical supervisor.

Examples of Work:

Works with department and unit staff to establish optimal solutions to computing or telecommunications problems and performs the design of technical solutions. Designs new computer applications and modifications to existing systems, specifically in the mobile environment. Installs and analyzes operating systems, network configurations, communications, and software. Responsible for in-house computer system or network including development of applications and system maintenance. Reviews and recommends technical purchases. Responds to user problems and works with users on problem definition and solutions. Performs hardware and software evaluations. Executes security provisions in accordance with established procedures. Provides reports as assigned. Performs related duties as required.

This position will be hired for a three year period and the State of Vermont will commit to a fourth year funding. The fourth year will be funded through a chargeback to the mobile data computer users. The Department of Public Safety and the State of Vermont uses a formula system to fund its delivery of technology to a variety of state, municipal and county users. The cost of this position will be supported in the fourth year through increasing the charges to the user agencies.

Grants Specialist (Overtime) \$48,376.73 (*Admin Funds)

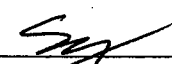
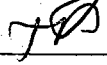
Due to the transparency requirement of the ARRA funding, the Department of Public Safety anticipates that there will need to be a significant amount of time spent on preparing reports. The Grants Specialist will be tasked with compiling these reports on an overtime basis.

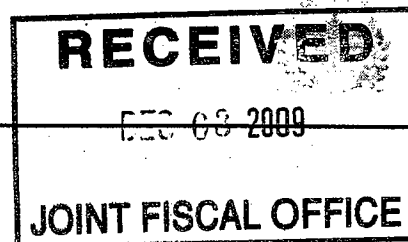
State of Vermont
 Department of Finance & Management
 109 State Street, Pavilion Building
 Montpelier, VT 05620-0401

[phone] 802-828-2376
 [fax] 802-828-2428

Agency of Administration

STATE OF VERMONT
FINANCE & MANAGEMENT GRANT REVIEW FORM

Grant Summary:		Edw Byrne Justice Assistance Grant (JAG) under the American Recovery and Reinvestment Act (ARRA) formula grant for comprehensive IT system upgrade for a wide range of Vermont law enforcement agencies.			
Date:		12/02/2009			
Department:		Department of Public Safety			
Legal Title of Grant:		Recovery Act Edward Byrne Memorial Justice Assistance Grant (JAG) program			
Federal Catalog #:		16.803			
Grant/Donor Name and Address:		U.S. Department of Justice			
Grant Period:	From:	3/1/2009	To:	2/28/2013	
Grant/Donation					
	SFY 1	SFY 2	SFY 3	Total	Comments
Grant Amount:	\$566,085	\$970,431	\$970,431	\$3,061,782	SFY 4 will use balance \$554,835.
Position Information:		# Positions	Explanation/Comments		
		1	IT Specialist		
Additional Comments:		This formula grant does not need JFC approval but the limited service position in the grant does.			
Department of Finance & Management				(Initial) <i>VB</i>	
Secretary of Administration				(Initial)	
Sent To Joint Fiscal Office		12/2/09		Date	



	SFY10	SFY11	SFY12	SFY13	Total
Personnel Costs	39,373.36	67,497.20	67,497.20	28,123.83	202,491.59
3rd Party Contracts	39,515.92	67,741.58	67,741.58	39,515.92	214,515.00
Operating Expenses	462,373.47	792,640.23	792,640.23	462,373.47	2,510,027.41
Grants/Sub-Awards	24,822.00	42,552.00	42,552.00	24,822.00	134,748.00
	566,084.76	970,431.01	970,431.01	554,835.22	3,061,782.00



State of Vermont
Agency of Administration
Office of Economic Stimulus and Recovery
Pavilion Office Building
109 State Street
Montpelier, VT 05609-0201
www.vermont.recovery.gov

[phone] 802-828-1354
[fax] 802-828-3320

December 2, 2009

To: Joint Fiscal Office

From: Mel Adams, Director

A handwritten signature in black ink, appearing to read 'Mel Adams', written over the printed name.

Subject: Request to Expedite Position Approval for ARRA Formula Grant

In light of the ARRA goal and expressed intent of the Vermont legislature and the Governor that stimulus money be put to work as quickly as possible to help alleviate unemployment and stimulate the economy, I am requesting expedited consideration by the Joint Fiscal Committee on the position request for the Byrne Jag Formula grant. Although the award amount was announced in the spring, the Department of Justice required Public Safety to obtain waivers from all law enforcement entries in Vermont prior to granting the award. Moreover, cruisers have been sitting in the parking lot, unused, until the IT person is hired to install the IT equipment. Additionally the 'locals' do not have any IT support for their IT equipment installation.

Thank you for your consideration.

**STATE OF VERMONT
Joint Fiscal Committee Review
Limited Service - Grant Funded
Position Request Form**

This form is to be used by agencies and departments when additional grant funded positions are being requested. Review and approval by the Department of Human Resources must be obtained prior to review by the Department of Finance and Management. The Department of Finance will forward requests to the Joint Fiscal Office for JFC review. A Request for Classification Review Form (RFR) and an updated organizational chart showing to whom the new position(s) would report must be attached to this form. Please attach additional pages as necessary to provide enough detail.

Agency/Department: Public Safety Date: 09/25/09

Name and Phone (of the person completing this request): Phyllis Martin; 241-5392

Request is for:

- Positions funded and attached to a new grant.
 Positions funded and attached to an existing grant approved by JFO # _____

1. Name of Granting Agency, Title of Grant, Grant Funding Detail (attach grant documents):
 U.S. Department of Justice
FY09 Recovery Act Edward Byrne Memorial Justice Assistance Grant Program
See attached application and award document.

2. List below titles, number of positions in each title, program area, and limited service end date (information should be based on grant award and should match information provided on the RFR) position(s) will be established only after JFC final approval:

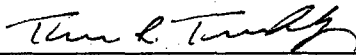
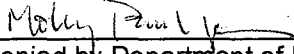
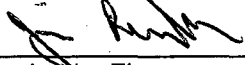

<u>Title* of Position(s) Requested</u>	<u># of Positions</u>	<u>Division/Program</u>	<u>Grant Funding Period/Anticipated End Date</u>
IT Specialist	1	Criminal Justice Services	immediately thru 2/28/13

*Final determination of title and pay grade to be made by the Department of Human Resources Classification Division upon submission and review of Request for Classification Review.

3. Justification for this request as an essential grant program need:

The Department of Public Safety was awarded Recovery Act funding in order to support law enforcement technology upgrades that will keep Vermont law enforcement operating with the newest, most reliable, and robust technologies. This is a new position that will be used to help provide support to local and county law enforcement agencies in their development of mobile data capabilities. This position will help bring on an additional 75- 125 new units over the next three years and to provide ongoing support for the already 130 local and county mobile data users.

I certify that this information is correct and that necessary funding, space and equipment for the above position(s) are available (required by 32 VSA Sec. 5(b)).

	10/19/09
Signature of Agency or Department Head	Date
	10/30/09
Approved/Denied by Department of Human Resources	Date
	11/5/09
Approved/Denied by Finance and Management	Date
	11/5/09
Approved/Denied by Secretary of Administration	Date

REVISED NOV 04 2009



Department of Justice
Office of Justice Programs

Bureau of Justice Assistance

Office of Justice Programs

Washington, D.C. 20531

July 16, 2009

Commissioner Thomas Tremblay
Vermont Department of Public Safety
103 South Main Street
Waterbury, VT 05671-0001

Dear Commissioner Tremblay:

On behalf of Attorney General Eric Holder, it is my pleasure to inform you that the Office of Justice Programs has approved your application for funding under the FY 09 Recovery Act Edward Byrne Memorial Justice Assistance Grant Program State Solicitation in the amount of \$3,061,782 for Vermont Department of Public Safety.

Enclosed you will find the Grant Award and Special Conditions documents. This award is subject to all administrative and financial requirements, including the timely submission of all financial and programmatic reports, resolution of all interim audit findings, and the maintenance of a minimum level of cash-on-hand. Should you not adhere to these requirements, you will be in violation of the terms of this agreement and the award will be subject to termination for cause or other administrative action as appropriate.

If you have questions regarding this award, please contact:

- Program Questions, Flora D. Lawson, Program Manager at (202) 305-9216; and
- Financial Questions, the Office of the Chief Financial Officer, Customer Service Center (CSC) at (800) 458-0786, or you may contact the CSC at ask.ocfo@usdoj.gov.

Congratulations, and we look forward to working with you.

Sincerely,

A handwritten signature in black ink, appearing to read "James H. Burch II".

James H. Burch II
Acting Director

Enclosures

Program Narrative – Attachment 1

Statement of the Problem

This grant proposal is best summarized by stating that it is a *comprehensive technology upgrade* for most of the electronic systems that serve a wide range of law enforcement agencies in Vermont. Many of the technologies have been *in place for some time and have become outdated, are at the end of their life or have experienced failures* such that they need to be replaced. These projects include:

- An upgrade of the data center that delivers the Vermont Incident Based Report System (VIBRS), a network of services that provide a variety of information to law enforcement.
- An upgrade in the centralized Computer Aided/Records Management System (CAD/RMS) that will allow for mapping and an E 9-1-1 interface. (AKA Spillman Upgrade and E 9-1-1 interface)
- Telephone System and Switch Replacement
- Mobile Data Support Position
- Email Transition
- Mobile Video Equipment Replacement
- Livescan Fingerprint Equipment Replacement

VIBRS Upgrade II

The Vermont Department of Public Safety operates a centralized computer aided dispatch, records management system (CAD/RMS), email system, and network for over 2000 State, Local, and Federal users throughout the state. The Department of Public Safety needs to provide network services that are reliable however the system has been outgrown, is lacking in performance, is not redundant, and is in need of replacement. This grant will allow the department to upgrade key infrastructure components of the system.

The demands of the agencies as they grew in sophistication have bumped up against the inherent design limitations in both the core network and the support structure. This grant request is designed to both create a more full featured network while improving the security posture of the network. It is expected that much of the work involved in the grant will be done through competitive bids and much of it will be modified based on the result of the work of various consultants. Equipment that will be upgraded as a result of this grant will include firewalls, servers, routers, switches, and concentrators.

Spillman Upgrade and E 9-1-1 interface

The Department of Public Safety is upgrading its Spillman law enforcement database to Spillman Sentryx 6.0. This new release has many enhancements including a completely rewritten Geobase module. The Geobase module is Spillman's database of geographic address and map information. The new Geobase module now talks directly to an ArcGIS server. Vermont's E911 agency will be able to replicate their data from their ArcGIS server to our server on a regularly scheduled basis. This means more accurate and up to date addressing information will be available to end users for incidents entered into Spillman as well as accurate information for mapping. The ArcGIS server can also be used, separate from Spillman, as a platform for any of the Vermont's Department of

Public Safety map projects; including pin mapping of criminal activity, motor vehicle accidents, or automatic vehicle location. Maps can be made from the Spillman data stored in Spillman system by the ArcGIS server or maps can be made using any other data available to law enforcement staff.

Spillman Technologies will develop a Voice Over IP (VOIP) E911 interface allows direct connectivity between the Vermont E911 system and the Vermont Spillman system, increasing the speed and efficiency of dispatching emergency or law units to the general public across the state. Vermont PSAP agencies will have the ability to create call and incident entries directly from originating calls rather than manually translating data between systems, the current process. The VOIP E911 interface will increase the quality of mapping data in the Spillman database, allowing for more accurate mapping potentials.

Telephone System and Switch Replacement

The Department of Public Safety owns and operates a private branch exchange (PBX) telephone system for the processing of telephone calls between offices and outside callers. The current system manufactured by Nortel networks have been manufactured discontinued which directly impacts our ability to support and maintain service continuity as seen by our recent outages. The department is currently looking at newer IP technology for replacing this legacy switch, however we have not ruled out using a legacy approach. In either case, the new system will consist of a series of specialized communications servers, gateways, communications managers, and a mixture of telephone sets and other specialized equipment. The signaling between subscriber devices can be a mix of IP, digital or analog. The new system will provide all of the basic telephony features, as well as enhancements which include voice mail and ConnexAll features currently used by the division of Emergency management. Additionally, we will be evaluating the requirements specified as part of our building expansion plans and integrating those needs into any new platform.

Mobile Data Support Position

This is a new position that will be used to help provide support to local and county law enforcement agencies in their development of mobile data capabilities. This position will combine efforts with the current staff (2) that are in place now to help bring on an additional 75- 125 new units over the next three years and to provide ongoing support for the already 130 local and county mobile data users.

Email Transition

Currently the Department of Public Safety operates its own outlook exchange server and delivers email to all the law enforcement users of the VIBRS network. Shortly the Department of Public Safety will be transitioning to the State of Vermont's centralized outlook exchange server. The move to the State of Vermont exchange server will result in variety of user fees for local agencies. Specifically the local and county users will now have to pay for yearly email service on a per user basis, as much as \$65 per year per user. The sum of \$150,000 is intended to offset the cost of email service to the local and county agencies.

Mobile Video Replacement for Vermont State Police

The Vermont State Police operates a fleet of 220 police cars for their Uniform (Patrol) Division. These cars have been equipped with VHS video recording equipment since 1998. This recording

equipment has proven invaluable in recording such incidents as officer involved shootings, operators of motor vehicles suspected of driving while under the influence of alcohol and or drugs, motor vehicle crashes, capturing statements of both victims and offenders involved in criminal complaints and a variety of other situations our troopers encounter on a day to day basis. In fact, our department rules and regulations advise the following:

Members using MVR equipment shall record the following situations/scenes whenever possible:

- (A) Major motor vehicle and criminal enforcement stops
- (B) Police pursuits
- (C) In progress motor vehicle or criminal statute violations
- (D) Traffic collisions involving department vehicles, and, or collisions resulting in injury or death.
- (E) Any situations where the member, because of experience or training, determines that the incident should be documented.
- (F) All searches
- (G) At the discretion of the member, video recording may be terminated (i.e., when documentation is no longer necessary at the scene of an accident).

The equipment in use now is over 12 years old and is quickly becoming unreliable.

The Vermont State Police wishes to replace and upgrade its outdated and failing mobile video recording devices to a more reliable state of the art system.

Livescan Fingerprint Equipment Replacement

Vermont has a number of legacy livescan stations, which are not NIST compliant. As such twenty-two agencies throughout the state are capturing fingerprints on livescan stations which are incapable of electronically transmitting digital fingerprint images or text directly to the Tri-State AFIS (Vermont, New Hampshire, and Maine) system. These non-compliant machines cannot capture palm prints and mug shots cannot be electronically transmitted to or stored by the Tri-State AFIS. All of the Vermont State Police barracks, fourteen (14), use these non-compliant livescan machines.

This inefficiency is a significant issue for VCIC and creates delays for the posting of defendant information to the SOR. Since the in-person registration requirements envisioned in the Adam Walsh Act will in large part be conducted at Vermont State Police barracks and some larger police departments, the inability of these agencies to transmit required digital fingerprints, palm prints, and mug shots is a serious impediment to complete and timely registrations.

In order to facilitate the capture of the SOR data to expedite rapid data transmission and efficient data processing of this SOR information, the Vermont State Police has proposed to replace twelve (12) of these machines through this request.

Recovery Act Outcomes

The projects contained in this grant are extensive technology upgrades that will take time and cross those sections of the Department of Public Safety's, Division of Criminal Justice Services, the hardest. It will be impossible to manage and complete these projects without maintaining the current staff. This grant application also calls for the addition of one position. Therefore, while this grant does not provide for addition funding for existing staff, it does provides a commitment to

technology projects that are needed to make law enforcement more efficient and thus provides extensive work to maintain the status quo for personnel.

Grant expenditure tracking and drawdowns

The State of Vermont realizes the importance of tracking and monitoring the ARRA grants. The State's Department of Finance and Management has set up a special fund code in order to track ARRA grant funding. The Department of Public Safety will add another level of tracking by asking Finance and Management to set up unique project/grant codes to track expenditures of individual ARRA grants. Public Safety will run monthly financial reports that capture expenditures based on the fund and project/grant codes. We will use these monthly reports to perform drawdowns.

Goals and Objectives and timeline of the Project:

The general goal of this project is to support the law enforcement technology upgrades and new technologies needed to keep Vermont law enforcement operating with the newest, most reliable and robust technologies. The specific goals include;

- **The upgrading of the VIBRS network and data center so that it is efficient, reliable and robust.**
 - Write the scope of work for an RFP to hire a consultant to help DPS develop an improved network. September 2009
 - Write the scope of work associated with hiring a consultant to help with the implementation of the new equipment for the new network. September 2009
 - Competitively bid all consulting work and equipment replacement. November – December 2009.
 - Write and award the contracts. January – April 2010
 - Buy the equipment and install. May – December 2010
- **To upgrade the current Spillman Computer Aided Dispatch and Records Management System (CAD/RMS) so that it is the latest release of the Spillman Technologies software and so that it will be compatible with mapping technologies.**
 - Coordinate the upgrade of the CAD/RMS to Spillman Sentryx 6.0. December 2009 – April 2010.
 - Purchase an ArcGIS server. July – September 2009
- **To provide for an interface so that the State of Vermont's E 9-1-1 systems address and name information can auto populate the CAD/RMS.**
 - Develop a contract with Spillman Technologies to write and implement the interface. October 2009 – February 2010.
 - Work with the E 9-1-1 Board Staff to ensure that all privacy issues are met and that all technical issues are overcome. January 2010.
- **To provide for a new telephone system and switch at the Vermont State Police Headquarters building, this is the central hub of the public safety phone system.**
 - Write the scope of work and competitively bid this project picking the best available solution. October 2009 – December 2009
 - Write a contract and manage the contract deliverables which will lead to a new phone system. January – April 2010
 - Implement new phone system. April – August 2010.

- **To provide a support position that will meet the needs of the local and county law enforcement agencies as they expand their mobile data computing capabilities.**
 - Determine whether this job will be a Public Safety position or a position from a local agency that will be paid through a Subgrant.
 - Write or adopt the job specifications.
 - Hire the person. December 2009.

- **To provide funding relief for local and county agencies while the Department of Public Safety transitions away from email service to the State of Vermont's centralized email service.**
 - Determine the exact costs for the local and county agencies. February 2010
 - Write the agreement between the Department of Public Safety (DPS), Department of Innovation and Information (DI&I) and the relevant local and county agencies.
 - The agreement must defer local and county payments for three (3) years.
 - Implement the transition from the DPS exchange server to the DI&I exchange server. November 2010.

- **To upgrade the mobile video in car camera systems.**
 - Bid vehicle and processing room cameras. April 2009
 - Award contract for vehicle and processing room cameras. September 2009
 - Purchase Servers. October 2009
 - Install cameras. November – December 2009
 - Install storage cabinets. November 2009
 - Purchase and install duplicators. December 2009

- **To upgrade and replace the live scan fingerprint equipment.**
 - Bid and award the contract for new live scan devices. December 2009 – April 2010
 - Install the new live scan machines. May 2010 - December 2010.

Performance Measures

All of the projects mentioned in this grant are measured by whether or not something gets purchased and implemented and whether or not a person gets hired. The hiring of the person will also mean that mobile data computing units are installed and service in a timely manner. The measurement will entail a level of satisfaction from the end user agencies. Therefore, all of the objectives mentioned above will be measurements that the goals of this grant are being achieved.

Grant Application Identifier:
Proposed Grant Period:

2009 ARRA JAG Form Program
3/1/2009-2/28/2013

Adapted for VT DPS from OMB 1121-0188

Budget Detail Worksheet (see Attachment 2b for Budget Narrative)

A. Personnel - List each position by title and name of employee, if available. Show the annual salary rate and the percentage of time to be devoted to the project. Compensation paid for employees engaged in grant activities must be consistent with that paid for similar work within the applicant organization.

Name, Position / Title	Computation					Cost for the Period
	Hourly Rate	X Number of Hr's Per Week	X Number of Weeks	Total Hours		
1. Information Technology Specialist	\$29.54	45	156	7,020		\$207,370.80
2. Overtime - Grants Specialist	\$25.75	10	156	1,560		\$40,170.00 * Admin Funds
3.				0		\$0.00
4.				0		\$0.00
5.				0		\$0.00
				8,580		
Total Personnel						\$247,540.80

B. Fringe Benefits - Fringe benefits should be based on actual known costs or an established formula. Fringe benefits are for the personnel listed in budget category (A) and only for the percentage of time devoted to the project. Fringe benefits on overtime hours are limited to FICA, Workman's Compensation, and Unemployment Compensation.

IT Specialist	Rate	Computation		Cost
FICA	7.65%	X Salary	\$207,370.80	\$15,863.87
Retirement	12.30%	X Salary	\$207,370.80	\$25,506.61
Health Insurance	\$5.19	X Hours	7,020.00	\$36,433.80
Life Insurance	0.35%	X Salary	\$207,370.80	\$725.80
Dental Insurance	\$0.27	X Hours	7,020.00	\$1,895.40
EAP (Employee Assistance Program)	\$0.0145	X Hours	7,020.00	\$101.79
Worker's Comp	0.48%	X Salary	\$207,370.80	\$995.38
Overtime				
FICA	7.65%	X Salary	\$40,170.00	\$3,073.01 * Admin Funds
Retirement	12.30%	X Salary	\$40,170.00	\$4,940.91 * Admin Funds
Worker's Comp	0.48%	X Salary	\$40,170.00	\$192.82 * Admin Funds
Total Fringe				\$89,729.37

TOTAL PERSONNEL AND FRINGE BENEFITS: \$337,270.17

C. Travel - Itemize travel expenses of project personnel by purpose (e.g., staff to training, field interviews, advisory group meeting, etc.). Show the basis of computation (e.g., six people to 3-day training at \$X airfare, \$X lodging, \$X subsistence). In training projects, travel and meals for trainees should be listed separately. Show the number of trainees and the unit costs involved. Identify the location of travel, if known. Indicate source of Travel Policies applied, Applicant or Federal Travel Regulations.

1. VM Ware Training - Location TBD						
Airfare	2 ppl	1 ticket	@	\$	499.95	\$ 999.90
Hotels	2 ppl	4 days	@	\$	120.00	\$ 960.00
Meals	2 ppl	4 days	@	\$	32.00	\$ 256.00
Reference Visits - Various						
2. Regional Locations						
Hotels	1 ppl	6 days	@	\$	100.00	\$ 600.00
Meals	1 ppl	6 days	@	\$	32.00	\$ 192.00
Mileage	1 ppl	563 miles	@	\$	0.55	\$ 309.65

TOTAL TRAVEL \$3,317.55

D. Equipment - List non-expendable items that are to be purchased. Non-expendable equipment is tangible property having a useful life of more than two years and an acquisition cost of \$5,000 or more per unit. (Note: Organization's own capitalization policy may be used for items costing less than \$5,000). Expendable items should be included either in the "supplies" category or in the "Other" category. Applicants should analyze the cost benefits or purchasing versus leasing equipment, especially high cost items and those subject to rapid technical advances. Rented or leased equipment costs should be listed in the "Contractual" category. Explain how the equipment is necessary for the success of the project. Attach a narrative describing the procurement method to be used.

1. HP DL360 G5 Servers	3 @	\$	6,000.00 ea	\$	18,000.00
2. Firewall	1 @	\$	96,000.00 ea	\$	96,000.00
3. Cental Router	1 @	\$	48,000.00 ea	\$	48,000.00
4. Cental Switches	3 @	\$	64,000.00 ea	\$	192,000.00
5. VPN Connectors	2 @	\$	40,000.00 ea	\$	80,000.00
6. Field Routers	40 @	\$	3,040.00 ea	\$	121,600.00
7. Dedicated Infrastructure Servers	2 @	\$	4,450.00 ea	\$	8,900.00
8. ArcGIS Server Software	1 @	\$	20,000.00 ea	\$	20,000.00
9. ArcEditor	2 @	\$	5,500.00 ea	\$	11,000.00
10. ArcEditor Maintenance	1 @	\$	1,500.00 ea	\$	1,500.00
11. ArcGIS Server Hardware	1 @	\$	6,500.00 ea	\$	6,500.00
12. Server OS	1 @	\$	500.00 ea	\$	500.00
13. SQL Database Upgrade	1 @	\$	5,000.00 ea	\$	5,000.00
14. Communications Server	2 @	\$	121,553.00 ea	\$	243,106.00

15 Gateway	2 @	\$	68,500.00 ea	\$	137,000.00
16 Communications Manager	2 @	\$	24,000.00 ea	\$	48,000.00
17 Subscriber Units	225 @	\$	142.00 ea	\$	31,950.00
18 Livescan Machines	12 @	\$	30,000.00 ea	\$	360,000.00
19 Digital In-Car Cameras	97 @	\$	6,292.00 ea	\$	610,324.00
20 Digital Processing Room Cameras	14 @	\$	5,123.00 ea	\$	71,722.00
21 Data Tracker Servers	14 @	\$	3,286.00 ea	\$	46,004.00
22 DVD Storage Files	14 @	\$	1,095.00 ea	\$	15,330.00
23 DVD Duplicators	14 @	\$	473.00 ea	\$	6,622.00

TOTAL EQUIPMENT: \$2,179,058.00

E. Supplies - List items by type (office supplies, postage, training materials, copying paper, and expandable equipment items costing less than \$5,000, such as books, hand held tape recorders) and show the basis for computation. (Note: Organization's own capitalization policy may be used for items costing less than \$5,000). Generally, supplies include any materials that are expendable or consumed during the course of the project.

TOTAL SUPPLIES: \$0.00

F. Construction - As a rule, construction costs are not allowable. In some cases, minor repairs or renovations may be allowable. Check with the program office before budgeting funds in this category.

TOTAL CONSTRUCTION: \$0.00

G. Consultants/Contracts - Indicate whether applicant's formal, written Procurement Policy or the Federal Acquisition Regulations are followed.

Consultant Fees: For each consultant enter the name, if known, service to be provided, hourly or daily fee (8-hour day), and the estimated time on the project. Consultant fees in excess of \$450 per day require additional justification and prior approval from OJP.

Sub-Total: \$0.00

Consultant Expenses: List all expenses to be paid from the grant to the individual consultants in addition to their fees (i.e., travel, meals, lodging, etc.)

Sub-Total: \$0.00

Contracts: Provide a description of the product or service to be procured by contract and an estimate of the cost. Applicants are encouraged to promote free and open competition in awarding contracts. A separate justification must be provided for sole source contracts in excess of \$100,000.

1. VIBRS Network Consulting	Personal Services Contract	Vendor TBD	\$	27,520.00
2. VIBRS Network Monitoring	Personal Services Contract	Vendor TBD	\$	23,000.00
3. VIBRS Implementation Support GeoBase Module	Personal Services Contract	Vendor TBD	\$	73,750.00
4. Consulting/Maintenance E911 Interface Management/Installation and	Personal Services Contract	Spillman Technologies	\$	20,490.00
5. Maintenance Telephone System & Switch	Personal Services Contract	Spillman Technologies	\$	41,960.00
6. Replacement Installation Services	Personal Services Contract	Vendor TBD	\$	27,795.00

TOTAL CONTRACTS / CONSULTANTS: \$214,515.00

H. Other Costs - List items (e.g., rent, reproduction, telephone, janitorial or security services, and investigative or confidential funds) by major type and the basis of the computation. For example, provide the square footage and the cost per square foot for rent, or provide a monthly rental cost and how many months to rent.

1. VMware Enterprise License	1 @	\$	32,000.00 ea	\$	32,000.00
2. MS Data Center License	3 @	\$	3,000.00 ea	\$	9,000.00
3. Spillman Test Server License	1 @	\$	4,500.00 ea	\$	4,500.00
4. Training Material	1 @	\$	3,500.00 ea	\$	3,500.00
5. State of VT email fees	770 @	\$	195.00 ea	\$	150,150.00
6. VISION Accounting System	1% of grant budget	\$	3,061,782.00	\$	30,617.82 * Admin Funds
6. DII fees	2% of grant budget	\$	3,061,782.00	\$	61,235.64 * Admin Funds
7. Single Audit Cost Allocation	1% of grant budget	\$	3,061,782.00	\$	30,617.82 * Admin Funds
8. Registration - Training	2 @	\$	3,000.00	\$	6,000.00

TOTAL OTHER: \$327,621.28

I. Indirect Costs - Indirect costs are allowed only if the applicant has a Federally approved indirect cost rate. A copy of the rate approval (a fully executed, negotiated agreement), must be attached. If the applicant does not have an approved rate, one can be requested by contacting the applicant's cognizant Federal agency, which will review all documentation and approve a rate for the applicant organization, or if the applicant's accounting system permits, costs may be allocated in direct cost categories.

TOTAL INDIRECT: \$0.00

TOTAL PROJECT COST: \$3,061,782.00

Budget Summary

Budget Category	Amount
A. Personnel	\$247,540.80
B. Fringe Benefits	\$89,729.37
C. Travel	\$3,317.55
D. Equipment	\$2,179,058.00
E. Supplies	\$0.00
F. Construction	\$0.00
G. Consultants/Contracts	\$214,515.00
H. Other	\$327,621.28
Total Direct Costs	\$3,061,782.00
I. Indirect Costs	\$0.00
TOTAL PROJECT COSTS	\$3,061,782.00

Federal Request	\$3,061,782.00	*Admin Funds	
Non-Federal Amount	\$0.00	Total	\$170,848.02

Budget Narrative – Attachment 2b

A. Personnel & B. Fringe Benefits

IT Specialist \$288,893.44

The Vermont Department of Public Safety is seeking to employ or offer a grant opportunity to hire an Information Technology Specialist to work through the help with the implementation and support of the mobile data computers being brought on line in the local and county agencies. A job description is listed below.

PUBLIC SAFETY INFORMATION TECHNOLOGY SPECIALIST

Class Definition:

Technical work providing support for the operation of large and small computer and telecommunications systems, all operating systems, security standards and protocols within the systems, hardware configurations and network connections for a department or agency of Vermont State Government. Incumbents in this class are expected to perform assignments with a high degree of independent action and may provide some instruction or assistance to entry level specialists. Work is performed under the supervision of an administrative or technical supervisor.

Examples of Work:

Works with department and unit staff to establish optimal solutions to computing or telecommunications problems and performs the design of technical solutions. Designs new computer applications and modifications to existing systems, specifically in the mobile environment. Installs and analyzes operating systems, network configurations, communications, and software. Responsible for in-house computer system or network including development of applications and system maintenance. Reviews and recommends technical purchases. Responds to user problems and works with users on problem definition and solutions. Performs hardware and software evaluations. Executes security provisions in accordance with established procedures. Provides reports as assigned. Performs related duties as required.

This position will be hired for a three year period and the State of Vermont will commit to a fourth year funding. The fourth year will be funded through a chargeback to the mobile data computer users. The Department of Public Safety and the State of Vermont uses a formula system to fund its delivery of technology to a variety of state, municipal and county users. The cost of this position will be supported in the fourth year through increasing the charges to the user agencies.

Grants Specialist (Overtime) \$48,376.73 (*Admin Funds)

Due to the transparency requirement of the ARRA funding, the Department of Public Safety anticipates that there will need to be a significant amount of time spent on preparing reports. The Grants Specialist will be tasked with compiling these reports on an overtime basis.



STATE OF VERMONT
JOINT FISCAL OFFICE

MEMORANDUM

To: Representative William Lippert

From: Nathan Lavery, Fiscal Analyst

Date: December 9, 2009

Subject: JFO #2418

In accordance with Sec. E.129 of Act 1 of the 2009 Special Session, Representative Michael Obuchowski asked that I forward to you a copy of the enclosed American Recovery and Reinvestment Act grant materials and cover memo (JFO #2418). He requests your observations regarding the enclosed item.

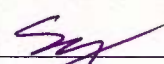
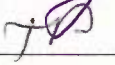
cc: Rep. Michael Obuchowski
Stephen Klein

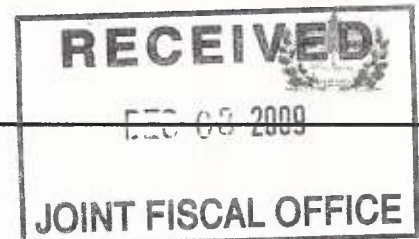
State of Vermont
 Department of Finance & Management
 109 State Street, Pavilion Building
 Montpelier, VT 05620-0401

Agency of Administration

[phone] 802-828-2376
 [fax] 802-828-2428

STATE OF VERMONT
FINANCE & MANAGEMENT GRANT REVIEW FORM

Grant Summary:		Edw Byrne Justice Assistance Grant (JAG) under the American Recovery and Reinvestment Act (ARRA) formula grant for comprehensive IT system upgrade for a wide range of Vermont law enforcement agencies.			
Date:		12/02/2009			
Department:		Department of Public Safety			
Legal Title of Grant:		Recovery Act Edward Byrne Memorial Justice Assistance Grant (JAG) program			
Federal Catalog #:		16.803			
Grant/Donor Name and Address:		U.S. Department of Justice			
Grant Period:		From:	To:		
		3/1/2009	2/28/2013		
Grant/Donation					
	SFY 1	SFY 2	SFY 3	Total	Comments
Grant Amount:	\$566,085	\$970,431	\$970,431	\$3,061,782	SFY 4 will use balance \$554,835.
Position Information:		# Positions	Explanation/Comments		
		1	IT Specialist		
Additional Comments:		This formula grant does not need JFC approval but the limited service position in the grant does.			
Department of Finance & Management				(Initial) <i>DB</i>	
Secretary of Administration				(Initial)	
Sent To Joint Fiscal Office		12/2/09		Date	



	SFY10	SFY11	SFY12	SFY13	Total
Personnel Costs	39,373.36	67,497.20	67,497.20	28,123.83	202,491.59
3rd Party Contracts	39,515.92	67,741.58	67,741.58	39,515.92	214,515.00
Operating Expenses	462,373.47	792,640.23	792,640.23	462,373.47	2,510,027.41
Grants/Sub-Awards	24,822.00	42,552.00	42,552.00	24,822.00	134,748.00
	566,084.76	970,431.01	970,431.01	554,835.22	3,061,782.00



State of Vermont
Agency of Administration
Office of Economic Stimulus and Recovery
Pavilion Office Building
109 State Street
Montpelier, VT 05609-0201
www.vermont.recovery.gov

[phone] 802-828-1354
[fax] 802-828-3320

December 2, 2009

To: Joint Fiscal Office

From: Mel Adams, Director

Subject: Request to Expedite Position Approval for ARRA Formula Grant

In light of the ARRA goal and expressed intent of the Vermont legislature and the Governor that stimulus money be put to work as quickly as possible to help alleviate unemployment and stimulate the economy, I am requesting expedited consideration by the Joint Fiscal Committee on the position request for the Byrne Jag Formula grant. Although the award amount was announced in the spring, the Department of Justice required Public Safety to obtain waivers from all law enforcement entries in Vermont prior to granting the award. Moreover, cruisers have been sitting in the parking lot, unused, until the IT person is hired to install the IT equipment. Additionally the 'locals' do not have any IT support for their IT equipment installation.

Thank you for your consideration.

STATE OF VERMONT
Joint Fiscal Committee Review
Limited Service - Grant Funded
Position Request Form

This form is to be used by agencies and departments when additional grant funded positions are being requested. Review and approval by the Department of Human Resources must be obtained prior to review by the Department of Finance and Management. The Department of Finance will forward requests to the Joint Fiscal Office for JFC review. A Request for Classification Review Form (RFR) and an updated organizational chart showing to whom the new position(s) would report must be attached to this form. Please attach additional pages as necessary to provide enough detail.

Agency/Department: Public Safety Date: 09/25/09

Name and Phone (of the person completing this request): Phyllis Martin; 241-5392

Request is for:

- Positions funded and attached to a new grant.
- Positions funded and attached to an existing grant approved by JFO # _____

1. Name of Granting Agency, Title of Grant, Grant Funding Detail (attach grant documents):

U.S. Department of Justice
FY09 Recovery Act Edward Byrne Memorial Justice Assistance Grant Program
See attached application and award document.

2. List below titles, number of positions in each title, program area, and limited service end date (information should be based on grant award and should match information provided on the RFR) position(s) will be established only after JFC final approval:

<u>Title* of Position(s) Requested</u>	<u># of Positions</u>	<u>Division/Program</u>	<u>Grant Funding Period/Anticipated End Date</u>
IT Specialist	1	Criminal Justice Services	immediately thru 2/28/13

*Final determination of title and pay grade to be made by the Department of Human Resources Classification Division upon submission and review of Request for Classification Review.

3. Justification for this request as an essential grant program need:

The Department of Public Safety was awarded Recovery Act funding in order to support law enforcement technology upgrades that will keep Vermont law enforcement operating with the newest, most reliable, and robust technologies. This is a new position that will be used to help provide support to local and county law enforcement agencies in their development of mobile data capabilities. This position will help bring on an additional 75- 125 new units over the next three years and to provide ongoing support for the already 130 local and county mobile data users.

I certify that this information is correct and that necessary funding, space and equipment for the above position(s) are available (required by 32 VSA Sec. 5(b)).

Tom E. Trubly 10/19/09
 Signature of Agency or Department Head Date

Molly Paul 10/30/09
 Approved/Denied by Department of Human Resources Date

[Signature] 11/5/09
 Approved/Denied by Finance and Management Date

[Signature] 11/5/09
 Approved/Denied by Secretary of Administration Date

RECEIVED NOV 4 2009





Department of Justice
Office of Justice Programs

Bureau of Justice Assistance

Office of Justice Programs

Washington, D.C. 20531

July 16, 2009

Commissioner Thomas Tremblay
Vermont Department of Public Safety
103 South Main Street
Waterbury, VT 05671-0001

Dear Commissioner Tremblay:

On behalf of Attorney General Eric Holder, it is my pleasure to inform you that the Office of Justice Programs has approved your application for funding under the FY 09 Recovery Act Edward Byrne Memorial Justice Assistance Grant Program State Solicitation in the amount of \$3,061,782 for Vermont Department of Public Safety.

Enclosed you will find the Grant Award and Special Conditions documents. This award is subject to all administrative and financial requirements, including the timely submission of all financial and programmatic reports, resolution of all interim audit findings, and the maintenance of a minimum level of cash-on-hand. Should you not adhere to these requirements, you will be in violation of the terms of this agreement and the award will be subject to termination for cause or other administrative action as appropriate.

If you have questions regarding this award, please contact:

- Program Questions, Flora D. Lawson, Program Manager at (202) 305-9216; and
- Financial Questions, the Office of the Chief Financial Officer, Customer Service Center (CSC) at (800) 458-0786, or you may contact the CSC at ask.ocfo@usdoj.gov.

Congratulations, and we look forward to working with you.

Sincerely,

A handwritten signature in black ink, appearing to read "James H. Burch II".

James H. Burch II
Acting Director

Enclosures



Department of Justice
Office of Justice Programs
Office for Civil Rights

Washington, D.C. 20531

July 16, 2009

Commissioner Thomas Tremblay
Vermont Department of Public Safety
103 South Main Street
Waterbury, VT 05671-0001

Dear Commissioner Tremblay:

Congratulations on your recent award. In establishing financial assistance programs, Congress linked the receipt of Federal funding to compliance with Federal civil rights laws. The Office for Civil Rights (OCR), Office of Justice Programs (OJP), U.S. Department of Justice is responsible for ensuring that recipients of financial aid from OJP, its component offices and bureaus, the Office on Violence Against Women (OVW), and the Office of Community Oriented Policing Services (COPS) comply with applicable Federal civil rights statutes and regulations. We at OCR are available to help you and your organization meet the civil rights requirements that come with Justice Department funding.

Ensuring Access to Federally Assisted Programs

As you know, Federal laws prohibit recipients of financial assistance from discriminating on the basis of race, color, national origin, religion, sex, or disability in funded programs or activities, not only in respect to employment practices but also in the delivery of services or benefits. Federal law also prohibits funded programs or activities from discriminating on the basis of age in the delivery of services or benefits.

Providing Services to Limited English Proficiency (LEP) Individuals

In accordance with Department of Justice Guidance pertaining to Title VI of the Civil Rights Act of 1964, 42 U.S.C. § 2000d, recipients of Federal financial assistance must take reasonable steps to provide meaningful access to their programs and activities for persons with limited English proficiency (LEP). For more information on the civil rights responsibilities that recipients have in providing language services to LEP individuals, please see the website at <http://www.lep.gov>.

Ensuring Equal Treatment for Faith-Based Organizations

The Department of Justice has published a regulation specifically pertaining to the funding of faith-based organizations. In general, the regulation, Participation in Justice Department Programs by Religious Organizations; Providing for Equal Treatment of all Justice Department Program Participants, and known as the Equal Treatment Regulation 28 C.F.R. part 38, requires State Administering Agencies to treat these organizations the same as any other applicant or recipient. The regulation prohibits State Administering Agencies from making award or grant administration decisions on the basis of an organization's religious character or affiliation, religious name, or the religious composition of its board of directors.

The regulation also prohibits faith-based organizations from using financial assistance from the Department of Justice to fund inherently religious activities. While faith-based organizations can engage in non-funded inherently religious activities, they must be held separately from the Department of Justice funded program, and customers or beneficiaries cannot be compelled to participate in them. The Equal Treatment Regulation also makes clear that organizations participating in programs funded by the Department of Justice are not permitted to discriminate in the provision of services on the basis of a beneficiary's religion. For more information on the regulation, please see OCR's website at <http://www.ojp.usdoj.gov/ocr/etfbo.htm>.

State Administering Agencies and faith-based organizations should also note that the Safe Streets Act, as amended; the Victims of Crime Act, as amended; and the Juvenile Justice and Delinquency Prevention Act, as amended, contain prohibitions against discrimination on the basis of religion in employment. Despite these nondiscrimination provisions, the Justice Department has concluded that the Religious Freedom Restoration Act (RFRA) is reasonably construed, on a case-by-case basis, to require that its funding agencies permit faith-based organizations applying for funding under the applicable program statutes both to receive DOJ funds and to continue considering religion when hiring staff, even if the statute that authorizes the funding program generally forbids considering of religion in employment decisions by grantees.

Questions about the regulation or the application of RFRA to the statutes that prohibit discrimination in employment may be directed to this Office.

Enforcing Civil Rights Laws

All recipients of Federal financial assistance, regardless of the particular funding source, the amount of the grant award, or the number of employees in the workforce, are subject to the prohibitions against unlawful discrimination. Accordingly, OCR investigates recipients that are the subject of discrimination complaints from both individuals and groups. In addition, based on regulatory criteria, OCR selects a number of recipients each year for compliance reviews, audits that require recipients to submit data showing that they are providing services equitably to all segments of their service population and that their employment practices meet equal employment opportunity standards.

Complying with the Safe Streets Act or Program Requirements

In addition to these general prohibitions, an organization which is a recipient of financial assistance subject to the nondiscrimination provisions of the Omnibus Crime Control and Safe Streets Act (Safe Streets Act) of 1968, 42 U.S.C. § 3789d(c), or other Federal grant program requirements, must meet two additional requirements: (1) complying with Federal regulations pertaining to the development of an Equal Employment Opportunity Plan (EEO Plan), 28 C.F.R. § 42.301-.308, and (2) submitting to OCR Findings of Discrimination (see 28 C.F.R. §§ 42.205(5) or 31.202(5)).

1) Meeting the EEO Plan Requirement

In accordance with Federal regulations, Assurance No. 6 in the Standard Assurances, COPS Assurance No. 8.B, or certain Federal grant program requirements, your organization must comply with the following EEO Plan reporting requirements:

If your organization has received an award for \$500,000 or more and has 50 or more employees (counting both full- and part-time employees but excluding political appointees), then it has to prepare an EEO Plan and submit it to OCR for review **within 60 days from the date of this letter**. For assistance in developing an EEO Plan, please consult OCR's website at <http://www.ojp.usdoj.gov/ocr/eop.htm>. You may also request technical assistance from an EEO Plan specialist at OCR by dialing (202) 616-3208.

If your organization received an award between \$25,000 and \$500,000 and has 50 or more employees, your organization still has to prepare an EEO Plan, but it does not have to submit the EEO Plan to OCR for review. Instead, your organization has to maintain the EEO Plan on file and make it available for review on request. In addition, your organization has to complete Section B of the Certification Form and return it to OCR. The Certification Form can be found at <http://www.ojp.usdoj.gov/ocr/eop.htm>.

If your organization received an award for less than \$25,000; or if your organization has less than 50 employees, regardless of the amount of the award; or if your organization is a medical institution, educational institution, nonprofit organization or Indian tribe, then your organization is exempt from the EEO Plan requirement. However, your organization must complete Section A of the Certification Form and return it to OCR. The Certification Form can be found at <http://www.ojp.usdoj.gov/ocr/eop.htm>.

2) Submitting Findings of Discrimination

In the event a Federal or State court or Federal or State administrative agency makes an adverse finding of discrimination against your organization after a due process hearing, on the ground of race, color, religion, national origin, or sex, your organization must submit a copy of the finding to OCR for review.

Ensuring the Compliance of Subrecipients

If your organization makes subawards to other agencies, you are responsible for assuring that subrecipients also comply with all of the applicable Federal civil rights laws, including the requirements pertaining to developing and submitting an EEO Plan, reporting Findings of Discrimination, and providing language services to LEP persons. State agencies that make subawards must have in place standard grant assurances and review procedures to demonstrate that they are effectively monitoring the civil rights compliance of subrecipients.

If we can assist you in any way in fulfilling your civil rights responsibilities as a recipient of Federal funding, please call OCR at (202) 307-0690 or visit our website at <http://www.ojp.usdoj.gov/ocr/>.

Sincerely,



Michael L. Alston
Director

cc: Grant Manager
Financial Analyst



Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

Grant

PAGE 1 OF 10

1. RECIPIENT NAME AND ADDRESS (Including Zip Code) Vermont Department of Public Safety 103 South Main Street Waterbury, VT 05671-0001		4. AWARD NUMBER: 2009-SU-B9-0042	
		5. PROJECT PERIOD: FROM 03/01/2009 TO 02/28/2013 BUDGET PERIOD: FROM 03/01/2009 TO 02/28/2013	
		6. AWARD DATE 07/16/2009	7. ACTION
1A. GRANTEE IRS/VENDOR NO. 036000274	8. SUPPLEMENT NUMBER 00		Initial
		9. PREVIOUS AWARD AMOUNT \$ 0	
3. PROJECT TITLE FY 2009 Recovery Act Justice Assistance Grant Program		10. AMOUNT OF THIS AWARD \$ 3,061,782	
		11. TOTAL AWARD \$ 3,061,782	
12. SPECIAL CONDITIONS THE ABOVE GRANT PROJECT IS APPROVED SUBJECT TO SUCH CONDITIONS OR LIMITATIONS AS ARE SET FORTH ON THE ATTACHED PAGE(S).			
13. STATUTORY AUTHORITY FOR GRANT This project is supported under FY09 Recovery Act (BJA-Byrne JAG) Pub. L. No. 111-5, 42 USC 3750-3758			
15. METHOD OF PAYMENT PAPRS			
AGENCY APPROVAL		GRANTEE ACCEPTANCE	
16. TYPED NAME AND TITLE OF APPROVING OFFICIAL James H. Burch II Acting Director		18. TYPED NAME AND TITLE OF AUTHORIZED GRANTEE OFFICIAL Thomas Tremblay Commissioner	
17. SIGNATURE OF APPROVING OFFICIAL 		19. SIGNATURE OF AUTHORIZED RECIPIENT OFFICIAL 	
		19A. DATE 7/27/09	
AGENCY USE ONLY			
20. ACCOUNTING CLASSIFICATION CODES FISCAL FUND BUD. DIV. YEAR CODE ACT. OFC. REG. SUB. POMS AMOUNT 9 B SU 80 00 00 3061782		21. ISUUGT1937	

OJP FORM 4000/2 (REV. 5-87) PREVIOUS EDITIONS ARE OBSOLETE.

OJP FORM 4000/2 (REV. 4-88)



Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

**AWARD CONTINUATION
SHEET
Grant**

PAGE 2 OF 10

PROJECT NUMBER 2009-SU-B9-0042

AWARD DATE 07/16/2009

SPECIAL CONDITIONS

1. The recipient agrees to comply with the financial and administrative requirements set forth in the current edition of the Office of Justice Programs (OJP) Financial Guide.
2. The recipient acknowledges that failure to submit an acceptable Equal Employment Opportunity Plan (if recipient is required to submit one pursuant to 28 C.F.R. Section 42.302), that is approved by the Office for Civil Rights, is a violation of its Certified Assurances and may result in suspension or termination of funding, until such time as the recipient is in compliance.
3. The recipient agrees to comply with the organizational audit requirements of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations, and further understands and agrees that funds may be withheld, or other related requirements may be imposed, if outstanding audit issues (if any) from OMB Circular A-133 audits (and any other audits of OJP grant funds) are not satisfactorily and promptly addressed, as further described in the current edition of the OJP Financial Guide, Chapter 19.
4. Recipient understands and agrees that it cannot use any federal funds, either directly or indirectly, in support of the enactment, repeal, modification or adoption of any law, regulation or policy, at any level of government, without the express prior written approval of OJP.
5. The recipient must promptly refer to the DOJ OIG any credible evidence that a principal, employee, agent, contractor, subgrantee, subcontractor, or other person has either 1) submitted a false claim for grant funds under the False Claims Act; or 2) committed a criminal or civil violation of laws pertaining to fraud, conflict of interest, bribery, gratuity, or similar misconduct involving grant funds. This condition also applies to any subrecipients. Potential fraud, waste, abuse, or misconduct should be reported to the OIG by -

mail:

Office of the Inspector General
U.S. Department of Justice
Investigations Division
950 Pennsylvania Avenue, N.W.
Room 4706
Washington, DC 20530

e-mail: oig.hotline@usdoj.gov

hotline: (contact information in English and Spanish): (800) 869-4499

or hotline fax: (202) 616-9881

Additional information is available from the DOJ OIG website at www.usdoj.gov/oig.

6. **RECOVERY ACT – Conflict with Other Standard Terms and Conditions**
The recipient understands and agrees that all other terms and conditions contained in this award, or in applicable OJP grant policy statements or guidance, apply unless they conflict or are superseded by the terms and conditions included here that specifically implement the American Recovery and Reinvestment Act of 2009, Public Law 111-5 (“ARRA” or “Recovery Act”) requirements. Recipients are responsible for contacting their grant managers for any needed clarifications.



Department of Justice
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**AWARD CONTINUATION
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Grant**

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PROJECT NUMBER 2009-SU-B9-0042

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SPECIAL CONDITIONS

7. The grantee agrees to assist BJA in complying with the National Environmental Policy Act (NEPA), the National Historic Preservation Act, and other related federal environmental impact analyses requirements in the use of these grant funds, either directly by the grantee or by a subgrantee. Accordingly, the grantee agrees to first determine if any of the following activities will be funded by the grant, prior to obligating funds for any of these purposes. If it is determined that any of the following activities will be funded by the grant, the grantee agrees to contact BJA.

The grantee understands that this special condition applies to its following new activities whether or not they are being specifically funded with these grant funds. That is, as long as the activity is being conducted by the grantee, a subgrantee, or any third party and the activity needs to be undertaken in order to use these grant funds, this special condition must first be met. The activities covered by this special condition are:

- a. New construction;
- b. Minor renovation or remodeling of a property located in an environmentally or historically sensitive area, including properties located within a 100-year flood plain, a wetland, or habitat for endangered species, or a property listed on or eligible for listing on the National Register of Historic Places;
- c. A renovation, lease, or any proposed use of a building or facility that will either (a) result in a change in its basic prior use or (b) significantly change its size;
- d. Implementation of a new program involving the use of chemicals other than chemicals that are (a) purchased as an incidental component of a funded activity and (b) traditionally used, for example, in office, household, recreational, or education environments; and
- e. Implementation of a program relating to clandestine methamphetamine laboratory operations, including the identification, seizure, or closure of clandestine methamphetamine laboratories.

The grantee understands and agrees that complying with NEPA may require the preparation of an Environmental Assessment and/or an Environmental Impact Statement, as directed by BJA. The grantee further understands and agrees to the requirements for implementation of a Mitigation Plan, as detailed at [website], for programs relating to methamphetamine laboratory operations.

Application of This Special Condition to Grantee's Existing Programs or Activities: For any of the grantee's or its subgrantees' existing programs or activities that will be funded by these grant funds, the grantee, upon specific request from BJA, agrees to cooperate with BJA in any preparation by BJA of a national or program environmental assessment of that funded program or activity.

8. To avoid duplicating existing networks or IT systems in any initiatives funded by BJA for law enforcement information sharing systems which involve interstate connectivity between jurisdiction, such systems shall employ, to the extent possible, existing networks as the communication backbone to achieve interstate connectivity, unless the grantee can demonstrate to the satisfaction of BJA that this requirement would not be cost effective or would impair the functionality of an existing or proposed IT system.
9. The grantee agrees to comply with all reporting, data collection and evaluation requirements, as prescribed by the BJA in the program guidance for the Justice Assistance Grant (JAG). Compliance with these requirements will be monitored by BJA.
10. The recipient agrees that any information technology system funded or supported by OJP funds will comply with 28 C.F.R. Part 23, Criminal Intelligence Systems Operating Policies, if OJP determines this regulation to be applicable. Should OJP determine 28 C.F.R. Part 23 to be applicable, OJP may, at its discretion, perform audits of the system, as per 28 C.F.R. 23.20(g). Should any violation of 28 C.F.R. Part 23 occur, the recipient may be fined as per 42 U.S.C. 3789g(c)-(d). Recipient may not satisfy such a fine with federal funds.

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Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

**AWARD CONTINUATION
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PROJECT NUMBER 2009-SU-B9-0042

AWARD DATE 07/16/2009

SPECIAL CONDITIONS

11. The grantee agrees to comply with the applicable requirements of 28 C.F.R. Part 38, the Department of Justice regulation governing "Equal Treatment for Faith Based Organizations" (the "Equal Treatment Regulation"). The Equal Treatment Regulation provides in part that Department of Justice grant awards of direct funding may not be used to fund any inherently religious activities, such as worship, religious instruction, or proselytization. Recipients of direct grants may still engage in inherently religious activities, but such activities must be separate in time or place from the Department of Justice funded program, and participation in such activities by individuals receiving services from the grantee or a sub-grantee must be voluntary. The Equal Treatment Regulation also makes clear that organizations participating in programs directly funded by the Department of Justice are not permitted to discriminate in the provision of services on the basis of a beneficiary's religion. Notwithstanding any other special condition of this award, faith-based organizations may, in some circumstances, consider religion as a basis for employment. See http://www.ojp.gov/about/ocr/equal_fbo.htm.
12. The recipient agrees to ensure that the State Information Technology Point of Contact receives written notification regarding any information technology project funded by this grant during the obligation and expenditure period. This is to facilitate communication among local and state governmental entities regarding various information technology projects being conducted with these grant funds. In addition, the recipient agrees to maintain an administrative file documenting the meeting of this requirement. For a list of State Information Technology Points of Contact, go to <http://www.it.ojp.gov/default.aspx?area=policyAndPractice&page=1046>.
13. The recipient agrees that funds received under this award will not be used to supplant State or local funds, but will be used to increase the amounts of such funds that would, in the absence of Federal funds, be made available for law enforcement activities.
14. **RECOVERY ACT - JAG Trust Fund**
The recipient is required to establish a trust fund account. (The trust fund may or may not be an interest-bearing account.) The fund, including any interest, may not be used to pay debts or expenses incurred by other activities beyond the scope of either the Edward Byrne Memorial Justice Assistance Grant Program (JAG) or Recovery JAG Program. The recipient also agrees to obligate and expend the grant funds in the trust fund (including any interest earned) during the period of the grant. Grant funds (including any interest earned) not expended by the end of the grant period must be returned to the Bureau of Justice Assistance no later than 90 days after the end of the grant period, along with the final submission of the Financial Status Report (SF-269).
15. **RECOVERY ACT – Access to Records; Interviews**
The recipient understands and agrees that DOJ (including OJP and the Office of the Inspector General (OIG)), and its representatives, and the Government Accountability Office (GAO), shall have access to and the right to examine all records (including, but not limited to, books, papers, and documents) related to this Recovery Act award, including such records of any subrecipient, contractor, or subcontractor.

The recipient also understands and agrees that DOJ and the GAO are authorized to interview any officer or employee of the recipient (or of any subrecipient, contractor, or subcontractor) regarding transactions related to this Recovery Act award.
16. **RECOVERY ACT – One-time funding**
The recipient understands and agrees that awards under the Recovery Act will be one-time awards and accordingly that its proposed project activities and deliverables are to be accomplished without additional DOJ funding.



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17. RECOVERY ACT – Separate Tracking and Reporting of Recovery Act Funds and Outcomes

The recipient agrees to track, account for, and report on all funds from this Recovery Act award (including specific outcomes and benefits attributable to Recovery Act funds) separately from all other funds, including DOJ award funds from non-Recovery Act awards awarded for the same or similar purposes or programs. (Recovery Act funds may be used in conjunction with other funding as necessary to complete projects, but tracking and reporting of Recovery Act funds must be separate.)

Accordingly, the accounting systems of the recipient and all subrecipients must ensure that funds from this Recovery Act award are not commingled with funds from any other source.

The recipient further agrees that all personnel (including subrecipient personnel) whose activities are to be charged to the award will maintain timesheets to document hours worked for activities related to this award and non-award-related activities.

18. RECOVERY ACT – Subawards – Monitoring

The recipient agrees to monitor subawards under this Recovery Act award in accordance with all applicable statutes, regulations, OMB circulars, and guidelines, including the OJP Financial Guide, and to include the applicable conditions of this award in any subaward. The recipient is responsible for oversight of subrecipient spending and monitoring of specific outcomes and benefits attributable to use of Recovery Act funds by subrecipients. The recipient agrees to submit, upon request, documentation of its policies and procedures for monitoring of subawards under this award.

19. RECOVERY ACT – Subawards – DUNS and CCR for Reporting

The recipient agrees to work with its first-tier subrecipients (if any) to ensure that, no later than the due date of the recipient's first quarterly report after a subaward is made, the subrecipient has a valid DUNS profile and has an active registration with the Central Contractor Registration (CCR) database.

20. RECOVERY ACT - Quarterly Financial Reports

The recipient agrees to submit quarterly financial status reports to OJP. At present, these reports are to be submitted on-line (at <https://grants.ojp.usdoj.gov>) using Standard Form SF 269A, not later than 45 days after the end of each calendar quarter. The recipient understands that after October 15, 2009, OJP will discontinue its use of the SF 269A, and will require award recipients to submit quarterly financial status reports within 30 days after the end of each calendar quarter, using the government-wide Standard Form 425 Federal Financial Report form (available for viewing at www.whitehouse.gov/omb/grants/standard_forms/ffr.pdf). Beginning with the report for the fourth calendar quarter of 2009 (and continuing thereafter), the recipient agrees that it will submit quarterly financial status reports to OJP on-line (at <https://grants.ojp.usdoj.gov>) using the SF 425 Federal Financial Report form, not later than 30 days after the end of each calendar quarter. The final report shall be submitted not later than 90 days following the end of the grant period.



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PROJECT NUMBER 2009-SU-B9-0042

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21. RECOVERY ACT – Recovery Act Transactions Listed in Schedule of Expenditures of Federal Awards and Recipient Responsibilities for Informing Subrecipients

(a) The recipient agrees to maintain records that identify adequately the source and application of Recovery Act funds, to maximize the transparency and accountability of funds authorized under the Recovery Act as required by the Act and in accordance with 2 CFR 215.21, “Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Non-profit Organizations” and OMB A-102 Common Rules provisions (relating to Grants and Cooperative Agreements with State and Local Governments).

(b) The recipient agrees to separately identify the expenditures for Federal awards under the Recovery Act on the Schedule of Expenditures of Federal Awards (SEFA) and the Data Collection Form (SF-SAC) required by OMB Circular A-133. This condition only applies if the recipient is covered by the Single Audit Act Amendments of 1996 and OMB Circular A-133, “Audits of States, Local Governments, and Non-Profit Organizations.” This shall be accomplished by identifying expenditures for Federal awards made under the Recovery Act separately on the SEFA, and as separate rows under Item 9 of Part III on the SF-SAC by CFDA number, and inclusion of the prefix “ARRA-” in identifying the name of the Federal program on the SEFA and as the first characters in Item 9d of Part III on the SF-SAC.

(c) The recipient agrees to separately identify to each subrecipient the Federal award number, CFDA number, and amount of Recovery Act funds, and to document this identification both at the time of subaward and at the time of disbursement of funds. When a recipient awards Recovery Act funds for an existing program, the information furnished to subrecipients shall distinguish the subawards of incremental Recovery Act funds from regular subawards under the existing program.

(d) The recipient agrees to require its subrecipients to specifically identify Recovery Act funding on their SEFA information, similar to the requirements for the recipient SEFA described above. This information is needed to allow the recipient to properly monitor subrecipient expenditure of Recovery Act funds as well as facilitate oversight by the Federal awarding agencies, the DOJ OIG, and the GAO.

22. RECOVERY ACT – Reporting and Registration Requirements under Section 1512 of the Recovery Act.

(a) This award requires the recipient to complete projects or activities which are funded under the Recovery Act and to report on use of Recovery Act funds provided through this award. Information from these reports will be made available to the public.

(b) The reports are due no later than ten calendar days after each calendar quarter in which the recipient receives the assistance award funded in whole or in part by the Recovery Act.

(c) Recipients and their first-tier recipients must maintain current registrations in the Central Contractor Registration (www.ccr.gov) at all times during which they have active federal awards funded with Recovery Act funds. A Dun and Bradstreet Data Universal Numbering System (DUNS) Number (www.dnb.com) is one of the requirements for registration in the Central Contractor Registration.

(d) The recipient shall report the information described in section 1512(c) of the Recovery Act using the reporting instructions and data elements that will be provided online at www.FederalReporting.gov and ensure that any information that is pre-filled is corrected or updated as needed.



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SPECIAL CONDITIONS

23. RECOVERY ACT – Provisions of Section 1512(c)

The recipient understands that section 1512(c) of the Recovery Act provides as follows:

Recipient Reports- Not later than 10 days after the end of each calendar quarter, each recipient that received recovery funds from a Federal agency shall submit a report to that agency that contains--

- (1) the total amount of recovery funds received from that agency;
- (2) the amount of recovery funds received that were expended or obligated to projects or activities; and
- (3) a detailed list of all projects or activities for which recovery funds were expended or obligated, including--
 - (A) the name of the project or activity;
 - (B) a description of the project or activity;
 - (C) an evaluation of the completion status of the project or activity;
 - (D) an estimate of the number of jobs created and the number of jobs retained by the project or activity; and
 - (E) for infrastructure investments made by state and local governments, the purpose, total cost, and rationale of the agency for funding the infrastructure investment with funds made available under this Act, and name of the person to contact at the agency if there are concerns with the infrastructure investment.
- (4) Detailed information on any subcontracts or subgrants awarded by the recipient to include the data elements required to comply with the Federal Funding Accountability and Transparency Act of 2006 (Public Law 109-282), allowing aggregate reporting on awards below \$25,000 or to individuals, as prescribed by the Director of the Office of Management and Budget.

24. RECOVERY ACT – Protecting State and Local Government and Contractor Whistleblowers (Recovery Act, section 1553)

The recipient recognizes that the Recovery Act provides certain protections against reprisals for employees of non-Federal employers who disclose information reasonably believed to be evidence of gross management, gross waste, substantial and specific danger to public health or safety, abuse of authority, or violations of law related to contracts or grants using Recovery Act funds. For additional information, refer to section 1553 of the Recovery Act. The text of Recovery Act is available at www.ojp.usdoj.gov/recovery.

25. RECOVERY ACT – Limit on Funds (Recovery Act, section 1604)

The recipient agrees that none of the funds under this award may be used by any State or local government, or any private entity, for construction costs or any other support of any casino or other gambling establishment, aquarium, zoo, golf course, or swimming pool.

26. RECOVERY ACT – Infrastructure Investment (Recovery Act, sections 1511 and 1602)

The recipient agrees that it may not use any funds made available under this Recovery Act award for infrastructure investment absent submission of a satisfactory certification under section 1511 of the Recovery Act. Should the recipient decide to use funds for infrastructure investment subsequent to award, the recipient must submit appropriate certifications under section 1511 of the Recovery Act and receive prior approval from OJP. In seeking such approval, the recipient shall give preference to activities that can be started and completed expeditiously, and shall use award funds in a manner that maximizes job creation and economic benefits. The text of the Recovery Act (including sections 1511 and 1602) is available at www.ojp.usdoj.gov/recovery.



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Office of Justice Programs
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PROJECT NUMBER 2009-SU-B9-0042

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SPECIAL CONDITIONS

27. RECOVERY ACT – Buy American Notification (Recovery Act, section 1605)

The recipient understands that this award is subject to the provisions of section 1605 of the Recovery Act (“Buy American”). No award funds may be used for iron, steel, or manufactured goods for a project for the construction, alteration, maintenance, or repair of a public building or public work, unless the recipient provides advance written notification to the OJP program office, and a Grant Adjustment Notice is issued that modifies this special condition to add government-wide standard conditions (anticipated to be published in subpart B of 2 C.F.R. part 176) that further implement the specific requirements or exceptions of section 1605.

Section 1605 of the Recovery Act prohibits use of any Recovery Act funds for a project for the construction, alteration, maintenance, or repair of a public building or public work unless all of the iron, steel, and manufactured goods used in the project are produced in the United States, subject to certain exceptions, including United States obligations under international agreements.

For purposes of this special condition, the following definitions apply:

“Public building” and “public work” means a public building of, and a public work of, a governmental entity (the United States; the District of Columbia; commonwealths, territories, and minor outlying islands of the United States; State and local governments; and multi-State, regional, or interstate entities which have governmental functions). These buildings and works may include, without limitation, bridges, dams, plants, highways, parkways, streets, subways, tunnels, sewers, mains, power lines, pumping stations, heavy generators, railways, airports, terminals, docks, piers, wharves, ways, lighthouses, buoys, jetties, breakwaters, levees, and canals, and the construction, alteration, maintenance, or repair of such buildings and works.

“Manufactured good” means a good brought to the construction site for incorporation into the building or work that has been--

- (1) Processed into a specific form and shape; or
- (2) Combined with other raw material to create a material that has different properties than the properties of the individual raw materials.

“Steel” means an alloy that includes at least 50 percent iron, between .02 and 2 percent carbon, and may include other elements.

For purposes of OJP grants, projects involving construction, alteration, maintenance, or repair of jails, detention facilities, prisons, public crime victims’ shelters, police facilities, or other similar projects will likely trigger this provision.

NOTE: The recipient is encouraged to contact the OJP program manager – in advance – with any questions concerning this condition, including its applicability to particular circumstances.



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**AWARD CONTINUATION
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PROJECT NUMBER 2009-SU-B9-0042

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SPECIAL CONDITIONS

28. **RECOVERY ACT – Wage Rate Requirements under Section 1606 of the Recovery Act**
(a) Section 1606 of the Recovery Act requires that all laborers and mechanics employed by contractors and subcontractors on projects funded directly by or assisted in whole or in part by and through the Federal Government pursuant to the Recovery Act shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code.
- Pursuant to Reorganization Plan No. 14 and the Copeland Act, 40 U.S.C. 3145, the Department of Labor has issued regulations at 29 CFR Parts 1, 3, and 5 to implement the Davis-Bacon and related Acts. Regulations in 29 CFR 5.5 instruct agencies concerning application of the standard Davis-Bacon contract clauses set forth in that section. The standard Davis-Bacon contract clauses found in 29 CFR 5.5(a) are to be incorporated in any covered contracts made under this award that are in excess of \$2,000 for construction, alteration or repair (including painting and decorating).
- (b) For additional guidance on the wage rate requirements of section 1606, contact your awarding agency. Recipients of grants, cooperative agreements and loans should direct their initial inquiries concerning the application of Davis-Bacon requirements to a particular federally assisted project to the Federal agency funding the project. The Secretary of Labor retains final coverage authority under Reorganization Plan Number 14.
29. **RECOVERY ACT – NEPA and Related Laws**
The recipient understands that all OJP awards are subject to the National Environmental Policy Act (NEPA, 42 U.S.C. section 4321 et seq.) and other related Federal laws (including the National Historic Preservation Act), if applicable. The recipient agrees to assist OJP in carrying out its responsibilities under NEPA and related laws, if the recipient plans to use Recovery Act funds (directly or through subaward or contract) to undertake any activity that triggers these requirements, such as renovation or construction. (See 28 C.F.R. Part 61, App. D.) The recipient also agrees to comply with all Federal, State, and local environmental laws and regulations applicable to the development and implementation of the activities to be funded under this award.
30. **RECOVERY ACT – Misuse of award funds**
The recipient understands and agrees that misuse of award funds may result in a range of penalties, including suspension of current and future funds, suspension or debarment from federal grants, recoupment of monies provided under an award, and civil and/or criminal penalties.
31. **RECOVERY ACT – Additional Requirements and Guidance**
The recipient agrees to comply with any modifications or additional requirements that may be imposed by law and future OJP (including government-wide) guidance and clarifications of Recovery Act requirements.
32. **RECOVERY ACT - JAG - Delinquent section 1512(c) reports**
The recipient acknowledges that it has certified that it will comply with all reporting requirements under section 1512(c) of the Recovery Act. (An online reporting mechanism is anticipated to be available for award recipient use by October 10, 2009.) Further to this certification, a failure to comply with the section 1512(c) reporting requirements may, in addition to other penalties, subject the recipient to the following:
(1) After failure to report section 1512(c) data for two consecutive reporting periods, the recipient may be— (a) precluded from drawing down funds under any OJP award, and/or (b) deemed ineligible for future discretionary OJP awards, until such time as the recipient becomes current in its section 1512(c) reporting obligations; and
(2) After failure to report section 1512(c) data for three consecutive reporting periods, the recipient, upon written demand of the Director of BJA, shall return to OJP any unexpended award funds (including any unexpended interest earned on award funds) within 15 calendar days of the date of the demand notice. Thereafter, the recipient's award shall be converted to a cost-reimbursable grant until such time as the recipient becomes current in its section 1512(c) reporting obligations, and remains current for not less than two additional consecutive reporting periods.



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**AWARD CONTINUATION
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AWARD DATE 07/16/2009

SPECIAL CONDITIONS

33. Recipient may not obligate, expend or drawdown funds until the Bureau of Justice Assistance, Office of Justice Programs has received and approved the signed Memorandum of Understanding (MOU) between the disparate jurisdictions and has issued a Grant Adjustment Notice (GAN) releasing this special condition.

34. **RECOVERY ACT - Active CCR Registration**
The recipient agrees expeditiously to obtain active registration with the Central Contractor Registration (CCR) database, and to notify the program office in writing of its registration. Following satisfaction of this requirement, a Grant Adjustment Notice will be issued to remove this special condition.





Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

Washington, D.C. 20531

Memorandum To: Official Grant File

From: Maria A. Berry, NEPA Coordinator

Subject: Incorporates NEPA Compliance in Further Developmental Stages for Vermont
Department of Public Safety

The Recovery Act emphasizes the importance of compliance with the National Environmental Policy Act (NEPA) in the use of public funds. The Recovery Act - Edward Byrne Memorial Justice Assistance Grant Program (JAG) allows states and local governments to support a broad range of activities to prevent and control crime and to improve the criminal justice system, some of which could have environmental impacts. All recipients of JAG funding must assist BJA in complying with NEPA and other related federal environmental impact analyses requirements in the use of grant funds, whether the funds are used directly by the grantee or by a subgrantee or third party. Accordingly, prior to obligating funds for any of the specified activities, the grantee must first determine if any of the specified activities will be funded by the grant.

The specified activities requiring environmental analysis are:

- a. New construction;
- b. Any renovation or remodeling of a property located in an environmentally or historically sensitive area, including properties located within a 100-year flood plain, a wetland, or habitat for endangered species, or a property listed on or eligible for listing on the National Register of Historic Places;
- c. A renovation, lease, or any proposed use of a building or facility that will either (a) result in a change in its basic prior use or (b) significantly change its size;
- d. Implementation of a new program involving the use of chemicals other than chemicals that are (a) purchased as an incidental component of a funded activity and (b) traditionally used, for example, in office, household, recreational, or education environments; and
- e. Implementation of a program relating to clandestine methamphetamine laboratory operations, including the identification, seizure, or closure of clandestine methamphetamine laboratories.

Complying with NEPA may require the preparation of an Environmental Assessment and/or an Environmental Impact Statement, as directed by BJA. Further, for programs relating to methamphetamine laboratory operations, the preparation of a detailed Mitigation Plan will be required.

For more information about Mitigation Plan requirements,

please see <http://www.ojp.usdoj.gov/BJA/resource/nepa.html>.

Please be sure to carefully review the grant conditions on your award document, as it may contain more specific information about environmental compliance.



Department of Justice
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**GRANT MANAGER'S MEMORANDUM, PT. I:
PROJECT SUMMARY**

Grant

PROJECT NUMBER

2009-SU-B9-0042

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This project is supported under FY09 Recovery Act (BJA-Byrne JAG) Pub. L. No. 111-5, 42 USC 3750-3758

1. STAFF CONTACT (Name & telephone number)

Flora D. Lawson
(202) 305-9216

2. PROJECT DIRECTOR (Name, address & telephone number)

Francis (Paco) Aumand
Director, Division of Criminal Justice Services
103 S. Main Street
Waterbury, VT 05671-2101
(802) 241-5488

3a. TITLE OF THE PROGRAM

BJA FY 09 Recovery Act Edward Byrne Memorial Justice Assistance Grant Program State Solicitation

3b. POMS CODE (SEE INSTRUCTIONS
ON REVERSE)

4. TITLE OF PROJECT

FY 2009 Recovery Act Justice Assistance Grant Program

5. NAME & ADDRESS OF GRANTEE

Vermont Department of Public Safety
103 South Main Street
Waterbury, VT 05671-0001

6. NAME & ADDRESS OF SUBGRANTEE

7. PROGRAM PERIOD

FROM: 03/01/2009 TO: 02/28/2013

8. BUDGET PERIOD

FROM: 03/01/2009 TO: 02/28/2013

9. AMOUNT OF AWARD

\$ 3,061,782

10. DATE OF AWARD

07/16/2009

11. SECOND YEAR'S BUDGET

12. SECOND YEAR'S BUDGET AMOUNT

13. THIRD YEAR'S BUDGET PERIOD

14. THIRD YEAR'S BUDGET AMOUNT

15. SUMMARY DESCRIPTION OF PROJECT (See instruction on reverse)

This grant program is authorized by the American Recovery and Reinvestment Act of 2009 (Public Law 111-5) (the "Recovery Act") and by 42 U.S.C. 3751(a). The stated purposes of the Recovery Act are: to preserve and create jobs and promote economic recovery; to assist those most impacted by the recession; to provide investments needed to increase economic efficiency by spurring technological advances in science and health; to invest in transportation, environmental protection, and other infrastructure that will provide long-term economic benefits; and to stabilize state and local government budgets, in order to minimize and avoid reductions in essential services and counterproductive state and local tax increases. The Recovery Act places great emphasis on accountability and transparency in the use of taxpayer dollars.

Among other things, it creates a new Recovery Accountability and Transparency Board and a new website – Recovery.gov – to provide information to the public, including access to detailed information on grants and contracts made with Recovery Act funds.

The Justice Assistance Grant (JAG) Program funded under the Recovery Act is the primary provider of federal criminal justice funding to state and local jurisdictions. Recovery JAG funds support all components of the criminal justice system, from multi-jurisdictional drug and gang task forces to crime prevention and domestic violence programs, courts, corrections, treatment, and justice information sharing initiatives. Recovery JAG funded projects may address crime through the provision of services directly to individuals and/or communities and by improving the effectiveness and efficiency of criminal justice systems, processes, and procedures.

The Vermont Department of Public Safety will use its Recovery Act JAG award to support law enforcement technology upgrades and new technologies needed to keep Vermont law enforcement operating with the newest, most reliable, and robust technologies. Many of the technologies have been in place for some time and have become outdated and need to be replaced. The technology will fall within the Vermont State Police, Office of Technology Services, the Information Technology section, and the Radio Technology Services section and, as such, will have a centralized management structure ensuring the completion of the projects. All of the technology will comply with federal and state procurement rules and policies and competitive bidding will take place when appropriate. Whenever possible, turnkey equipment and services will be purchased providing uninterrupted services for up to three years. The types of equipment to be purchased will include: an upgrade of the data center that delivers the Vermont Incident Based Report System (VIBRS), a network of services that provide a variety of information to law enforcement; an upgrade in the centralized Computer Aided/Records Management System (CAD/RMS) that will allow for mapping and an E 9-1-1 interface; telephone system and switch replacement; mobile data support position; email transition; mobile video equipment replacement; and a live scan fingerprint equipment replacement. Additionally, they will hire an Information Technology Specialist for a period of three years to work through and help with the implementation and support of the mobile data computers being brought on line in the local and county agencies. Due to the transparency requirement of the Recovery Act JAG funding, there will need to be a significant amount of time spent on preparing reports. Grant funds will be used to provide overtime to the grant specialist, assigned to this Recovery Act JAG award, to compile and submit the required reports for this grant.

NCA/NCF

APPLICATION FOR FEDERAL ASSISTANCE		2. DATE SUBMITTED	Applicant Identifier
1. TYPE OF SUBMISSION Application Non-Construction		3. DATE RECEIVED BY STATE	State Application Identifier
		4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier
5. APPLICANT INFORMATION			
Legal Name Vermont Department of Public Safety		Organizational Unit Department of Public Safety	
Address 103 South Main Street Waterbury, Vermont 05671-2101		Name and telephone number of the person to be contacted on matters involving this application Aumand, Francis (Paco) (802) 241-5488	
6. EMPLOYER IDENTIFICATION NUMBER (EIN) 03-6000274		7. TYPE OF APPLICANT State	
8. TYPE OF APPLICATION New		9. NAME OF FEDERAL AGENCY Bureau of Justice Assistance	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 16.803 CFDA 16.803 - Recovery Act - Justice Assistance TITLE: Grants - State		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT Recovery Act: State of Vermont Edward Byrne Memorial Justice Assistance Grant Formula Program	
12. AREAS AFFECTED BY PROJECT Statewide			
13. PROPOSED PROJECT Start Date: March 01, 2009 End Date: February 29, 2012		14. CONGRESSIONAL DISTRICTS OF a. Applicant b. Project VT00	
15. ESTIMATED FUNDING		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
Federal	\$3,061,782	Program is not covered by E.O. 12372	
Applicant	\$0		
State	\$0		
Local	\$0		
Other	\$0		
Program Income	\$0		
TOTAL	\$3,061,782	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? N	
18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS REQUIRED.			

MEMO

DATE: 4/8/09

TO: Commissioner Tremblay *TR*

FROM: Joanne Chadwick

SUBJECT: Your review and signature – Recovery Act Byrne/JAG Formula Grant Application

Attached is our completed application, flagged where your signature is required.

We have just sent this document electronically to Joan Stewart at the State Recovery Office for their review. When we have received their response, and when you have reviewed and signed, we will submit to BJA.

We are required to submit by close of business tomorrow, April 9th.

FYI, we received a response from BJA on the definition of "Infrastructure Project" as it relates to the certification form that you are required to sign. This is not applicable to our intended use of the grant funds. "Infrastructure" as they define it, refers to the construction of buildings, not IT equipment.

Please let me know if you have questions.

Thank you. Joanne

Thank you,
TR

Program Narrative – Attachment 1

Statement of the Problem

This grant proposal is best summarized by stating that it is a *comprehensive technology upgrade* for most of the electronic systems that serve a wide range of law enforcement agencies in Vermont. Many of the technologies have been *in place for some time and have become outdated, are at the end of their life or have experienced failures* such that they need to be replaced. These projects include:

- An upgrade of the data center that delivers the Vermont Incident Based Report System (VIBRS), a network of services that provide a variety of information to law enforcement.
- An upgrade in the centralized Computer Aided/Records Management System (CAD/RMS) that will allow for mapping and an E 9-1-1 interface. (AKA Spillman Upgrade and E 9-1-1 interface)
- Telephone System and Switch Replacement
- Mobile Data Support Position
- Email Transition
- Mobile Video Equipment Replacement
- Livescan Fingerprint Equipment Replacement

VIBRS Upgrade II

The Vermont Department of Public Safety operates a centralized computer aided dispatch, records management system (CAD/RMS), email system, and network for over 2000 State, Local, and Federal users throughout the state. The Department of Public Safety needs to provide network services that are reliable however the system has been outgrown, is lacking in performance, is not redundant, and is in need of replacement. This grant will allow the department to upgrade key infrastructure components of the system.

The demands of the agencies as they grew in sophistication have bumped up against the inherent design limitations in both the core network and the support structure. This grant request is designed to both create a more full featured network while improving the security posture of the network. It is expected that much of the work involved in the grant will be done through competitive bids and much of it will be modified based on the result of the work of various consultants. Equipment that will be upgraded as a result of this grant will include firewalls, servers, routers, switches, and concentrators.

Spillman Upgrade and E 9-1-1 interface

The Department of Public Safety is upgrading its Spillman law enforcement database to Spillman Sentryx 6.0. This new release has many enhancements including a completely rewritten Geobase module. The Geobase module is Spillman's database of geographic address and map information. The new Geobase module now talks directly to an ArcGIS server. Vermont's E911 agency will be able to replicate their data from their ArcGIS server to our server on a regularly scheduled basis. This means more accurate and up to date addressing information will be available to end users for incidents entered into Spillman as well as accurate information for mapping. The ArcGIS server can also be used, separate from Spillman, as a platform for any of the Vermont's Department of

Public Safety map projects; including pin mapping of criminal activity, motor vehicle accidents, or automatic vehicle location. Maps can be made from the Spillman data stored in Spillman system by the ArcGIS server or maps can be made using any other data available to law enforcement staff.

Spillman Technologies will develop a Voice Over IP (VOIP) E911 interface allows direct connectivity between the Vermont E911 system and the Vermont Spillman system, increasing the speed and efficiency of dispatching emergency or law units to the general public across the state. Vermont PSAP agencies will have the ability to create call and incident entries directly from originating calls rather than manually translating data between systems, the current process. The VOIP E911 interface will increase the quality of mapping data in the Spillman database, allowing for more accurate mapping potentials.

Telephone System and Switch Replacement

The Department of Public Safety owns and operates a private branch exchange (PBX) telephone system for the processing of telephone calls between offices and outside callers. The current system manufactured by Nortel networks have been manufactured discontinued which directly impacts our ability to support and maintain service continuity as seen by our recent outages. The department is currently looking at newer IP technology for replacing this legacy switch, however we have not ruled out using a legacy approach. In either case, the new system will consist of a series of specialized communications servers, gateways, communications managers, and a mixture of telephone sets and other specialized equipment. The signaling between subscriber devices can be a mix of IP, digital or analog. The new system will provide all of the basic telephony features, as well as enhancements which include voice mail and ConnexAll features currently used by the division of Emergency management. Additionally, we will be evaluating the requirements specified as part of our building expansion plans and integrating those needs into any new platform.

Mobile Data Support Position

This is a new position that will be used to help provide support to local and county law enforcement agencies in their development of mobile data capabilities. This position will combine efforts with the current staff (2) that are in place now to help bring on an additional 75- 125 new units over the next three years and to provide ongoing support for the already 130 local and county mobile data users.

Email Transition

Currently the Department of Public Safety operates its own outlook exchange server and delivers email to all the law enforcement users of the VIBRS network. Shortly the Department of Public Safety will be transitioning to the State of Vermont's centralized outlook exchange server. The move to the State of Vermont exchange server will result in variety of user fees for local agencies. Specifically the local and county users will now have to pay for yearly email service on a per user basis, as much as \$65 per year per user. The sum of \$150,000 is intended to offset the cost of email service to the local and county agencies.

Mobile Video Replacement for Vermont State Police

The Vermont State Police operates a fleet of 220 police cars for their Uniform (Patrol) Division. These cars have been equipped with VHS video recording equipment since 1998. This recording

equipment has proven invaluable in recording such incidents as officer involved shootings, operators of motor vehicles suspected of driving while under the influence of alcohol and or drugs, motor vehicle crashes, capturing statements of both victims and offenders involved in criminal complaints and a variety of other situations our troopers encounter on a day to day basis. In fact, our department rules and regulations advise the following:

Members using MVR equipment shall record the following situations/scenes whenever possible:

- (A) Major motor vehicle and criminal enforcement stops
- (B) Police pursuits
- (C) In progress motor vehicle or criminal statute violations
- (D) Traffic collisions involving department vehicles, and, or collisions resulting in injury or death.
- (E) Any situations where the member, because of experience or training, determines that the incident should be documented.
- (F) All searches
- (G) At the discretion of the member, video recording may be terminated (i.e., when documentation is no longer necessary at the scene of an accident).

The equipment in use now is over 12 years old and is quickly becoming unreliable.

The Vermont State Police wishes to replace and upgrade its outdated and failing mobile video recording devices to a more reliable state of the art system.

Livescan Fingerprint Equipment Replacement

Vermont has a number of legacy livescan stations, which are not NIST compliant. As such twenty-two agencies throughout the state are capturing fingerprints on livescan stations which are incapable of electronically transmitting digital fingerprint images or text directly to the Tri-State AFIS (Vermont, New Hampshire, and Maine) system. These non-compliant machines cannot capture palm prints and mug shots cannot be electronically transmitted to or stored by the Tri-State AFIS. All of the Vermont State Police barracks, fourteen (14), use these non-compliant livescan machines.

This inefficiency is a significant issue for VCIC and creates delays for the posting of defendant information to the SOR. Since the in-person registration requirements envisioned in the Adam Walsh Act will in large part be conducted at Vermont State Police barracks and some larger police departments, the inability of these agencies to transmit required digital fingerprints, palm prints, and mug shots is a serious impediment to complete and timely registrations.

In order to facilitate the capture of the SOR data to expedite rapid data transmission and efficient data processing of this SOR information, the Vermont State Police has proposed to replace twelve (12) of these machines through this request.

Recovery Act Outcomes

The projects contained in this grant are extensive technology upgrades that will take time and cross those sections of the Department of Public Safety's, Division of Criminal Justice Services, the hardest. It will be impossible to manage and complete these projects without maintaining the current staff. This grant application also calls for the addition of one position. Therefore, while this grant does not provide for addition funding for existing staff, it does provides a commitment to

technology projects that are needed to make law enforcement more efficient and thus provides extensive work to maintain the status quo for personnel.

Grant expenditure tracking and drawdowns

The State of Vermont realizes the importance of tracking and monitoring the ARRA grants. The State's Department of Finance and Management has set up a special fund code in order to track ARRA grant funding. The Department of Public Safety will add another level of tracking by asking Finance and Management to set up unique project/grant codes to track expenditures of individual ARRA grants. Public Safety will run monthly financial reports that capture expenditures based on the fund and project/grant codes. We will use these monthly reports to perform drawdowns.

Goals and Objectives and timeline of the Project:

The general goal of this project is to support the law enforcement technology upgrades and new technologies needed to keep Vermont law enforcement operating with the newest, most reliable and robust technologies. The specific goals include;

- **The upgrading of the VIBRS network and data center so that it is efficient, reliable and robust.**
 - Write the scope of work for an RFP to hire a consultant to help DPS develop an improved network. September 2009
 - Write the scope of work associated with hiring a consultant to help with the implementation of the new equipment for the new network. September 2009
 - Competitively bid all consulting work and equipment replacement. November – December 2009.
 - Write and award the contracts. January – April 2010
 - Buy the equipment and install. May – December 2010
- **To upgrade the current Spillman Computer Aided Dispatch and Records Management System (CAD/RMS) so that it is the latest release of the Spillman Technologies software and so that it will be compatible with mapping technologies.**
 - Coordinate the upgrade of the CAD/RMS to Spillman Sentryx 6.0. December 2009 – April 2010.
 - Purchase an ArcGIS server. July – September 2009
- **To provide for an interface so that the State of Vermont's E 9-1-1 systems address and name information can auto populate the CAD/RMS.**
 - Develop a contract with Spillman Technologies to write and implement the interface. October 2009 – February 2010.
 - Work with the E 9-1-1 Board Staff to ensure that all privacy issues are met and that all technical issues are overcome. January 2010.
- **To provide for a new telephone system and switch at the Vermont State Police Headquarters building, this is the central hub of the public safety phone system.**
 - Write the scope of work and competitively bid this project picking the best available solution. October 2009 – December 2009
 - Write a contract and manage the contract deliverables which will lead to a new phone system. January – April 2010
 - Implement new phone system. April – August 2010.

- **To provide a support position that will meet the needs of the local and county law enforcement agencies as they expand their mobile data computing capabilities.**
 - Determine whether this job will be a Public Safety position or a position from a local agency that will be paid through a Subgrant.
 - Write or adopt the job specifications.
 - Hire the person. December 2009.

- **To provide funding relief for local and county agencies while the Department of Public Safety transitions away from email service to the State of Vermont's centralized email service.**
 - Determine the exact costs for the local and county agencies. February 2010
 - Write the agreement between the Department of Public Safety (DPS), Department of Innovation and Information (DI&I) and the relevant local and county agencies.
 - The agreement must defer local and county payments for three (3) years.
 - Implement the transition from the DPS exchange server to the DI&I exchange server. November 2010.

- **To upgrade the mobile video in car camera systems.**
 - Bid vehicle and processing room cameras. April 2009
 - Award contract for vehicle and processing room cameras. September 2009
 - Purchase Servers. October 2009
 - Install cameras. November – December 2009
 - Install storage cabinets. November 2009
 - Purchase and install duplicators. December 2009

- **To upgrade and replace the live scan fingerprint equipment.**
 - Bid and award the contract for new live scan devices. December 2009 – April 2010
 - Install the new live scan machines. May 2010 - December 2010.

Performance Measures

All of the projects mentioned in this grant are measured by whether or not something gets purchased and implemented and whether or not a person gets hired. The hiring of the person will also mean that mobile data computing units are installed and service in a timely manner. The measurement will entail a level of satisfaction from the end user agencies. Therefore, all of the objectives mentioned above will be measurements that the goals of this grant are being achieved.

Budget Detail Worksheet (see Attachment 2b for Budget Narrative)

A. **Personnel** - List each position by title and name of employee, if available. Show the annual salary rate and the percentage of time to be devoted to the project. Compensation paid for employees engaged in grant activities must be consistent with that paid for similar work within the applicant organization.

Name, Position / Title	Computation				
	Hourly Rate	X Number of Hr's Per Week	X Number of Weeks	Total Hours	Cost for the Period
1. Information Technology Specialist	\$29.54	45	156	7,020	\$207,370.80
2. Overtime - Grants Specialist	\$25.75	10	156	1,560	\$40,170.00 * Admin Funds
3.				0	\$0.00
4.				0	\$0.00
5.				0	\$0.00
				8,580	
Total Personnel					\$247,540.80

B. **Fringe Benefits** - Fringe benefits should be based on actual known costs or an established formula. Fringe benefits are for the personnel listed in budget category (A) and only for the percentage of time devoted to the project. Fringe benefits on overtime hours are limited to FICA, Workman's Compensation, and Unemployment Compensation.

IT Specialist	Rate	Computation		Cost	
FICA	7.65%	X Salary	\$207,370.80		\$15,863.87
Retirement	12.30%	X Salary	\$207,370.80		\$25,506.61
Health Insurance	\$5.19	X Hours	7,020.00		\$36,433.80
Life Insurance	0.35%	X Salary	\$207,370.80		\$725.80
Dental Insurance	\$0.27	X Hours	7,020.00		\$1,895.40
EAP (Employee Assistance Program)	\$0.0145	X Hours	7,020.00		\$101.79
Worker's Comp	0.48%	X Salary	\$207,370.80		\$995.38
Overtime					
FICA	7.65%	X Salary	\$40,170.00		\$3,073.01 * Admin Funds
Retirement	12.30%	X Salary	\$40,170.00		\$4,940.91 * Admin Funds
Worker's Comp	0.48%	X Salary	\$40,170.00		\$192.82 * Admin Funds
Total Fringe					\$89,729.37

TOTAL PERSONNEL AND FRINGE BENEFITS: \$337,270.17

C. **Travel** - Itemize travel expenses of project personnel by purpose (e.g., staff to training, field interviews, advisory group meeting, etc.). Show the basis of computation (e.g., six people to 3-day training at \$X airfare, \$X lodging, \$X subsistence). In training projects, travel and meals for trainees should be listed separately. Show the number of trainees and the unit costs involved. Identify the location of travel, if known. Indicate source of Travel Policies applied, Applicant or Federal Travel Regulations.

1. VM Ware Training - Location TBD						
Airfare	2 ppl	1 ticket	@	\$	499.95	\$ 999.90
Hotels	2 ppl	4 days	@	\$	120.00	\$ 960.00
Meals	2 ppl	4 days	@	\$	32.00	\$ 256.00
Reference Visits - Various						
2. Regional Locations						
Hotels	1 ppl	6 days	@	\$	100.00	\$ 600.00
Meals	1 ppl	6 days	@	\$	32.00	\$ 192.00
Mileage	1 ppl	563 miles	@	\$	0.55	\$ 309.65

TOTAL TRAVEL \$3,317.55

D. **Equipment** - List non-expendable items that are to be purchased. Non-expendable equipment is tangible property having a useful life of more than two years and an acquisition cost of \$5,000 or more per unit. (Note: Organization's own capitalization policy may be used for items costing less than \$5,000). Expendable items should be included either in the "supplies" category or in the "Other" category. Applicants should analyze the cost benefits of purchasing versus leasing equipment, especially high cost items and those subject to rapid technical advances. Rented or leased equipment costs should be listed in the "Contractual" category. Explain how the equipment is necessary for the success of the project. Attach a narrative describing the procurement method to be used.

1. HP DL360 G5 Servers	3 @	\$	6,000.00 ea	\$	18,000.00
2. Firewall	1 @	\$	96,000.00 ea	\$	96,000.00
3. Central Router	1 @	\$	48,000.00 ea	\$	48,000.00
4. Central Switches	3 @	\$	64,000.00 ea	\$	192,000.00
5. VPN Connectors	2 @	\$	40,000.00 ea	\$	80,000.00
6. Field Routers	40 @	\$	3,040.00 ea	\$	121,600.00
7. Dedicated Infrastructure Servers	2 @	\$	4,450.00 ea	\$	8,900.00
8. ArcGIS Server Software	1 @	\$	20,000.00 ea	\$	20,000.00
9. ArcEditor	2 @	\$	5,500.00 ea	\$	11,000.00
10. ArcEditor Maintenance	1 @	\$	1,500.00 ea	\$	1,500.00
11. ArcGIS Server Hardware	1 @	\$	6,500.00 ea	\$	6,500.00
12. Server OS	1 @	\$	500.00 ea	\$	500.00
13. SQL Database Upgrade	1 @	\$	5,000.00 ea	\$	5,000.00
14. Communications Server	2 @	\$	121,553.00 ea	\$	243,106.00

15 Gateway	2 @	\$	68,500.00 ea	\$	137,000.00
16 Communications Manager	2 @	\$	24,000.00 ea	\$	48,000.00
17 Subscriber Units	225 @	\$	142.00 ea	\$	31,950.00
18 Livescan Machines	12 @	\$	30,000.00 ea	\$	360,000.00
19 Digital In-Car Cameras	97 @	\$	6,292.00 ea	\$	610,324.00
20 Digital Processing Room Cameras	14 @	\$	5,123.00 ea	\$	71,722.00
21 Data Tracker Servers	14 @	\$	3,286.00 ea	\$	46,004.00
22 DVD Storage Files	14 @	\$	1,095.00 ea	\$	15,330.00
23 DVD Duplicators	14 @	\$	473.00 ea	\$	6,622.00

TOTAL EQUIPMENT: **\$2,179,058.00**

E. Supplies - List items by type (office supplies, postage, training materials, copying paper, and expandable equipment items costing less than \$5,000, such as books, hand held tape recorders) and show the basis for computation. (Note: Organization's own capitalization policy may be used for items costing less than \$5,000). Generally, supplies include any materials that are expendable or consumed during the course of the project.

TOTAL SUPPLIES: **\$0.00**

F. Construction - As a rule, construction costs are not allowable. In some cases, minor repairs or renovations may be allowable. Check with the program office before budgeting funds in this category.

TOTAL CONSTRUCTION: **\$0.00**

G. Consultants/Contracts - Indicate whether applicant's formal, written Procurement Policy or the Federal Acquisition Regulations are followed.

Consultant Fees: For each consultant enter the name, if known, service to be provided, hourly or daily fee (8-hour day), and the estimated time on the project. Consultant fees in excess of \$450 per day require additional justification and prior approval from OJP.

Sub-Total: **\$0.00**

Consultant Expenses: List all expenses to be paid from the grant to the individual consultants in addition to their fees (i.e., travel, meals, lodging, etc.)

Sub-Total: **\$0.00**

Contracts: Provide a description of the product or service to be procured by contract and an estimate of the cost. Applicants are encouraged to promote free and open competition in awarding contracts. A separate justification must be provided for sole source contracts in excess of \$100,000.

1. VIBRS Network Consulting	Personal Services Contract	Vendor TBD	\$	27,520.00
2. VIBRS Network Monitoring	Personal Services Contract	Vendor TBD	\$	23,000.00
3. VIBRS Implementation Support GeoBase Module	Personal Services Contract	Vendor TBD	\$	73,750.00
4. Consulting/Maintenance E911 Interface Management/Installation and Maintenance	Personal Services Contract	Spillman Technologies	\$	20,490.00
5. Telephone System & Switch Replacement Installation Services	Personal Services Contract	Vendor TBD	\$	41,960.00
6. Telephone System & Switch Replacement Installation Services	Personal Services Contract	Vendor TBD	\$	27,795.00

TOTAL CONTRACTS / CONSULTANTS: **\$214,515.00**

H. Other Costs - List items (e.g., rent, reproduction, telephone, janitorial or security services, and investigative or confidential funds) by major type and the basis of the computation. For example, provide the square footage and the cost per square foot for rent, or provide a monthly rental cost and how many months to rent.

1. VMware Enterprise License	1 @	\$	32,000.00 ea	\$	32,000.00	
2. MS Data Center License	3 @	\$	3,000.00 ea	\$	9,000.00	
3. Spillman Test Server License	1 @	\$	4,500.00 ea	\$	4,500.00	
4. Training Material	1 @	\$	3,500.00 ea	\$	3,500.00	
5. State of VT email fees	770 @	\$	195.00 ea	\$	150,150.00	
6. VISION Accounting System	1% of grant budget	\$	3,061,782.00	\$	30,617.82	* Admin Funds
6. DII fees	2% of grant budget	\$	3,061,782.00	\$	61,235.64	* Admin Funds
7. Single Audit Cost Allocation	1% of grant budget	\$	3,061,782.00	\$	30,617.82	* Admin Funds
8. Registration - Training	2 @	\$	3,000.00	\$	6,000.00	

TOTAL OTHER: **\$327,621.28**

I. Indirect Costs - Indirect costs are allowed only if the applicant has a Federally approved indirect cost rate. A copy of the rate approval (a fully executed, negotiated agreement), must be attached. If the applicant does not have an approved rate, one can be requested by contacting the applicant's cognizant Federal agency, which will review all documentation and approve a rate for the applicant organization, or if the applicant's accounting system permits, costs may be allocated in direct costs categories.

TOTAL INDIRECT: **\$0.00**

TOTAL PROJECT COST: **\$3,061,782.00**

Budget Summary

Budget Category	Amount
A. Personnel	\$247,540.80
B. Fringe Benefits	\$89,729.37
C. Travel	\$3,317.55
D. Equipment	\$2,179,058.00
E. Supplies	\$0.00
F. Construction	\$0.00
G. Consultants/Contracts	\$214,515.00
H. Other	\$327,621.28
Total Direct Costs	\$3,061,782.00
I. Indirect Costs	\$0.00
TOTAL PROJECT COSTS	\$3,061,782.00

Federal Request **\$3,061,782.00**
Non-Federal Amount **\$0.00**

*Admin Funds
Total **\$170,848.02**

Budget Narrative – Attachment 2b

A. Personnel & B. Fringe Benefits

IT Specialist \$288,893.44

The Vermont Department of Public Safety is seeking to employ or offer a grant opportunity to hire an Information Technology Specialist to work through the help with the implementation and support of the mobile data computers being brought on line in the local and county agencies. A job description is listed below.

PUBLIC SAFETY INFORMATION TECHNOLOGY SPECIALIST

Class Definition:

Technical work providing support for the operation of large and small computer and telecommunications systems, all operating systems, security standards and protocols within the systems, hardware configurations and network connections for a department or agency of Vermont State Government. Incumbents in this class are expected to perform assignments with a high degree of independent action and may provide some instruction or assistance to entry level specialists. Work is performed under the supervision of an administrative or technical supervisor.

Examples of Work:

Works with department and unit staff to establish optimal solutions to computing or telecommunications problems and performs the design of technical solutions. Designs new computer applications and modifications to existing systems, specifically in the mobile environment. Installs and analyzes operating systems, network configurations, communications, and software. Responsible for in-house computer system or network including development of applications and system maintenance. Reviews and recommends technical purchases. Responds to user problems and works with users on problem definition and solutions. Performs hardware and software evaluations. Executes security provisions in accordance with established procedures. Provides reports as assigned. Performs related duties as required.

This position will be hired for a three year period and the State of Vermont will commit to a fourth year funding. The fourth year will be funded through a chargeback to the mobile data computer users. The Department of Public Safety and the State of Vermont uses a formula system to fund its delivery of technology to a variety of state, municipal and county users. The cost of this position will be supported in the fourth year through increasing the charges to the user agencies.

Grants Specialist (Overtime) \$48,376.73 (*Admin Funds)

Due to the transparency requirement of the ARRA funding, the Department of Public Safety anticipates that there will need to be a significant amount of time spent on preparing reports. The Grants Specialist will be tasked with compiling these reports on an overtime basis.

C. Travel

VM Ware Training \$2,215.90

The travel item is for off-site training to allow the staff to become knowledgeable concerning the implementation, support, migration, and features involved in using a virtual server environment. This is a significant change in the existing environment.

Telephone System and Switch Replacement Reference Visits \$1,101.65

This travel will be associated with visiting reference customer locations so that the selected vendor references can be verified and to gain insight to challenges and opportunities faced by other customers.

D. Equipment - VIBRS UPGRADE II

DL360 Servers \$18,000.00

These servers are forming a group of virtual servers that will allow us to efficiently improve and expand services. AC capacity and treated power is at a minimum and these make more efficient use of those resources. Additionally these allow us to build in a manner that will facilitate disaster recovery.

Firewalls \$96,000.00

This is an upgrade and expansion of the firewall services currently operating on the VIBRS network. The current system is many revisions behind and is not capable of handling the expanded needs of an up to date network offering the variety of services that are being demanded today.

Central Router \$48,000.00

A central router is key to the proper operation of our network. This will replace the current router that is no longer under manufacturer support. Any failure needing proprietary parts will create extended downtime to our 100+ field sites. Improved performance and reliability are also expected.

Central Switches \$192,000.00

The central switches are used to properly interface to a variety of systems and services. The current switches are maxed out and are in need to updating.

VPN Concentrators \$80,000.00

We use the concentrators to provide secure remote access into a number of vital services. The current concentrators are at end of life and are in need to updating.

Field Routers \$121,600.00

Currently field routers are used at sites that have full access to core information services. As the network design evolves, it is estimated that many site routers will be changed in some fashion.

Dedicated Infrastructure Servers \$8,900.00

While the general approach for this grant is to move toward a more flexible and efficient virtual server approach, certain infrastructure functions require a dedicated server. This line item is for two dedicated servers.

D. Equipment - Spillman Upgrade and E 9-1-1 interface

ArcGIS Server Software \$20,000.00

ESRI's ArcGIS standard server 9.2 with enterprise is the server mapping software that manages the mapping data on the server, provides for the security of the data, and allows maps to be made available to end users through a variety of methods including a web browser. Spillman has partnered with ESRI and developed the new version of Spillman to access the addressing data directly from the ArcGIS server and automatically establish law, fire and EMS dispatch zones for each address. The Vermont E911 agency already uses an ArcGIS server for its mapping data and this will allow the automatic replication of data from their ArcGIS server to our ArcGIS server.

ArcEditor \$11,000.00

ArcEditor is ESRI's desktop software used to manage and edit the actual geographical/addressing data. This software also allows the user to create maps based on Spillman incidents and the E911 addressing information stored on the ArcGIS server.

ArcEditor Maintenance \$1,500.00

The maintenance fee allows for automatic upgrades and software support for ArcEditor.

Server Hardware \$ 6,500.00

The Dell PowerEdge 1950 III quad core, 3 GHz and 8 GB RAM provides the platform for the ArcGIS server software. This server will provide a reliable platform with good response times for communication between Spillman and the ArcGIS addressing information and also allow DPS to publish maps for end users to view via a web browser or other client software.

Server OS \$500.00

Microsoft Windows Server 2008 Operating System

Database software \$ 5,000.00

Upgrade SQL 2005 to SQL 2008. ArcGIS stores vast amounts of geographic data and uses either SQL or Oracle to store the data. DPS already owns and uses Microsoft's SQL 2005. It would be cost effective to leverage our ownership and knowledge SQL and just upgrade it to the latest version.

D. Equipment - Telephone System and Switch Replacement

Communications Server \$243,106.00

High quality, high performance voice application software with rich call processing capabilities, extensive mobility, and contact center functions. This scalable platform is the control component for call processing.

Gateway \$137,000

The gateway provided the physical interface to nodes within the network and to commercial telephone network. The gateway provides translation services between legacy equipment.

Communications Manager \$48,000

Manages the telephone network and provided automated self healing functionality. This unit automates contact with services providers when malfunctions are detected within the network.

Subscriber Units \$31,950

The subscriber units are the end user interface to the telephone network. These devices can be configured as either a hard or soft telephone. In the hard telephone format the unit acts like a standard telephone set. If configured as a soft telephone the unit will have all of the standard features plus advanced features such as teleconferencing, video conferencing, unified messaging, follow me roaming, automated directory access as well as push technology. The communication format between these devices can be either digital or IP technology.

D. Equipment - Livescan Fingerprint Equipment Replacement

Livescan Machines \$360,000

Vermont has a number of legacy live scan stations, which are not NIST compliant. As such twenty-two agencies throughout the state are capturing fingerprints on live scan stations which are incapable of electronically transmitting digital fingerprint images or text directly to the Tri-State AFIS (Vermont, New Hampshire, and Maine) system. These non-compliant machines cannot capture palm prints and mug shots cannot be electronically transmitted to or stored by the Tri-State AFIS. All of the Vermont State Police barracks, twelve (12), use these non-compliant live scan machines. Currently the plan is to replace these older machines with Motorola/Printrack live scan machines which is the other vendor with live scan devices in Vermont. However, current procurement policies will be maintained regarding this purchase, which means we will bid for the replacement of these devices.

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D. Equipment – Mobile Video Equipment Replacement

Vehicle Cameras \$610,324.00

These digital cameras capable of re-writing to a DVD-RW will be installed in 97 of the Uniform Division vehicles. They will record directly to a DVD digital format and have the ability to capture information in addition to audio and video including nature of the incident and other data being recorded and biographical information as directed by the department. This purchase is intended to be a turnkey solution including maintenance, warranty and installation by factory certified technicians. This service also includes the removal of the old equipment.

Processing Room Cameras \$71,722.00

These digital cameras capable of re-writing to a DVD-RW will be installed in each of the 14 State Police Field Offices processing rooms. They are used to record the integrations between officer and offenders or victims while at the offices. Using the same DVD format as the MVRs allow all video to be submitted to the courts in a uniform format.

Data Tracker Servers \$46,004.00

When the DVD from the cars and processing are inserted into these servers, the data from the disks is stored and assigned a tracking and storage reference number. This allows staff to quickly locate a particular DVD by the tracking number. Additionally the stored data can be sorted by a variety of fields which will dramatically improve staff efficiency by cutting the time needed to locate a particular piece of video. This is a turnkey solution that will include maintenance and warranty of which the State Police will be purchasing 14 servers.

DVD Storage \$15,330.00

These specially designed files will allow each barracks securely store all video in a manner that will make it easy to locate videos meaning less time spent by staff locating videos. There will be 14 storage files purchased.

DVD Duplicators \$6,622.00

1-3 DVD duplicators will allow staff to make multiple copies for court and others as authorized. This will cut duplication times considerably compared to the current method of real time VHS duplication. A total of 14 will be purchased.

G. CONTRACTS/CONSULTANTS – VIBRS Upgrade II

Network Consulting \$27,520.00

The current network design has its roots based on the network needs that originated with the original system in 1992. The goal of the consultation is to take a fresh look at current needs. The security demands have changed radically over time and the current network meets neither the business needs nor the threat protection that is desirable in today's climate.

Network Monitoring Services \$23,000.00

The current security climate on the VIBRS network does not allow for any sort of quantitative information about the effectiveness of the current practices nor is there any information about the actual needs. The goal of this contract is twofold in that it would establish a baseline of network threats and problems actually observed on the network, while at the same time it would provide some dedicated resources to protecting the network.

Implementation Support \$73,750.00

The level of impact created by the changes represented in this grant is significant. The full volume of work is beyond the available time of the current staff. The implementation support is to assist the current staff with the changes that are being created. Portions of the work under this section will likely require a bidding process, while other portions may be done under pre-existing contracts. Further specifics will be developed as the implementation progresses in each area.

G. CONTRACTS/CONSULTANTS - Spillman Upgrade and E 9-1-1 Interface

Spillman migration from existing Geobase module to new Geobase 6.0 module \$20,490.00

A Spillman project manager will be assigned to the Vermont Department of Public Safety to coordinate the installation, data migration, and training. Spillman support staff will be onsite to assist with the upgrade and provide staff training. This price also includes maintenance for the first two years which includes support, all updates and patches and live phone support.

Spillman development of E911 interface with Vermont Spillman system \$41,960.00

Spillman Technologies will develop a Voice Over IP (VOIP) E911 interface allows direct connectivity between the Vermont E911 system and the Vermont Spillman system. This price includes development and installation, training and the first two years of maintenance which includes support, all updates and patches and live phone support.

G. CONTRACTS/CONSULTANTS – Telephone System and Switch Replacement

Telephone system migration from existing TDM technology \$27,795.00

A new server is being purchased to replace legacy equipment. Due to the critical nature of the equipment being replaced, no calls can be lost during the upgrade. The participation of the vendor in this migration is crucial to the success of this project, and to the safety of Vermont's citizens.

II. OTHER COSTS

Virtual Server Enterprise Licensing \$32,000

The software covered by this license, in conjunction with the servers noted above is used to create the virtual server environment.

Data Center Licenses \$9,000.00

This is a right to use license that covers the Microsoft windows operating system that is used on each virtual server. Again, this is necessary in order for the virtual server environment to provide any useful services.

Spillman License for Test Server \$4,500.00

This license allows us to setup a Spillman test server. The test server is a critically needed in our current environment as Spillman is extremely important to Vermont's law enforcement community and any downtime has an impact on them. The test server would allow us to setup the new Spillman Sentryx 6.0 and test it, before upgrading our live system. This would insure as little downtime as possible when the upgrade takes place. The test server is especially important to the new Geobase module as it is so radically different than the current Spillman Geobase module and if something went wrong, it would be difficult to go back to the previous configuration.

Networker Training DVD \$3,500.00

This is a network based training course designed to specifically train staff in the use of the network provisioning and installation functions. This training program will provide the greatest amount of efficiency in training our staff and will replace, in the short term, on site training of key staff.

Email Transition \$150,150.00

Currently the Department of Public Safety operates its own outlook exchange server and delivers email to all the law enforcement users of the VIBRS network. Shortly the Department of Public Safety will be transitioning to the State of Vermont's centralized outlook exchange server. The move to the State of Vermont exchange server will result in variety of user fees for local agencies. Specifically, the local and county users will now have to pay for yearly email service on a per user basis, as much as \$65 per year per user. The sum of \$150,150 is intended to offset the cost of email service to the local and county agencies. The Department is expecting that approximately 770 local and county law enforcement users of the email system will transition over to the central State of Vermont email system being operated by the Department of Information and Innovation.

VISION (Statewide Accounting System) \$30,617.82 (*Admin Funds)

This is a direct charge associated with all financial transactions, which include accounts payable and receivable transactions. The cost provides access to the statewide integrated financial management system, which allows us to process grant-related transactions and to produce financial reports for the grant.

DII \$61,235.64 (*Admin Funds)

This is a direct charge associated with all Information Technology purchases, including the procurement of hardware, software or professional services. The cost includes support for enterprise solutions such as server infrastructure; information sharing systems and technical architecture.

Single Audit Allocation \$30,617.82 (*Admin Funds)

This is a direct charge associated with Vermont's statewide Single Audit as required by OMB Circular A-133.

Registration – Training \$6,000

Registration fee for two staff members to attend VMWare training.

Program Abstract – Attachment 4

Agency/Applicant Name: Department of Public Safety/Vermont State Police
Title of the Project: Statewide law Enforcement Technology Upgrades

Goals of the Project:

The general goal of this project is to support the law enforcement technology upgrades and new technologies needed to keep Vermont law enforcement operating with the newest, most reliable and robust technologies.

Strategies for the Project:

The projects contained in this grant application are projects that have been in various stages of planning for some time. All these projects are technology related therefore, they will be managed by the Division of Criminal Justice Services of the Vermont Department of Public Safety. The specific projects will fall within the Vermont State Police Office of Technology Services, the Information Technology Section and the Radio Technology Services Section and as such will have a centralized management structure ensuring there completion. All projects will comply with federal and state procurement rules and policies and competitive bidding will take place when appropriate. Whenever, possible turnkey equipment and services will be purchased providing uninterrupted services for up to three years.

Major Deliverables:

- Write the scope of work for an RFP to hire a consultant to help DPS develop an improved network.
- Write the scope of work associated with hiring a consultant to help with the implementation of the new equipment for the new network.
- Competitively bid all consulting work and equipment replacement. Install the equipment.
- Coordinate the upgrade of the CAD/RMS to Spillman Sentryx 6.0 and the ArcGIS server
- Develop a contract with Spillman Technologies to write and implement the interface.
- Write the scope of work and competitively bid this project and write a contract and manage the contract deliverables which will lead to a new phone system.
- Hire the person the mobile data support person.
- Write the agreement between the Department of Public Safety (DPS), Department of Innovation and Information (DI&I) and the relevant local and county agencies.
- Bid, purchase and install the new mobile video equipment.
- Bid, purchase and install the new livescan equipment.

Coordination Plans:

Where appropriate local and county agencies will be updated and consulted with using the Vermont Chiefs of Police and the Vermont Sheriff's Association as conduit for distributing information. The Department of Public Safety, Division of Criminal Justice Services also has established an advisory board for guidance surrounding the electronic

system of services that is delivered by the department and division. They will be consulted as well. The Agency of Administration for the State of Vermont will also play a large role in helping to ensure that the deliverables of this grant are carried out. They will have to approve any contracts that will be awarded through this grant and they will have to approve any positions that are hired as a result of this grant.

REVIEW NARRATIVE

The application was submitted to the governing body for review on April 08, 2009. The application was not submitted for review by the governing body 30 days prior to the application deadline due to the short amount of time between the grant announcement and grant application due date.

The application has been made public. The application was made public on April 20th, 2009 and an opportunity to comment has been made public.

The Public Notifications are being published by the following newspapers:

- The Burlington Free Press
- The Times Argus
- The Caledonian-Record
- The Rutland Herald
- The Brattleboro reformer

Memorandum of Understanding

This Memorandum of Understanding (MOU) entered into between *Vermont Department of Public Safety*, and the *Vermont Sheriff's Association (VSA)* outlines the terms and conditions for the allocation and usage of Edward Byrne Memorial Justice Assistance JAG Formula grant funds for the purposes of upgrading Information Systems to improve and enhance Law Enforcement Programs for local Law Enforcement Agencies. The upgrade will include replacement of some data hardware and software, Spillman 6.0 upgrade and the ArcGis server and will allow for improved crime mapping capabilities to all users. The project would also require funding to cover the projected maintenance fees associated with the migration of the Department of Public Safety mail group to a State of Vermont mail system for the period of three years.

The federal grant guidance requires that 29.32% of grant funds be obligated to local units of government.

WHEREAS, the federal grant guidance allows that non-local entities may hold portions of the 29.32% allocation of grant funds on behalf of local units of government provided that local organizations enter into a memorandum of understanding specifying the amount of funds to be retained by the non-local entity. The Department of Public Safety will dedicate the \$787,286 of grant pass through funds for the proposed projects. The department believes that the proposed project provides a direct benefit to the units of local government and agrees that funding of the project at the state level is in the best interest of the Vermont Sheriff's Association.

The Vermont Department of Public Safety will ensure that appropriate personnel and funds will be assigned to the Recover Act Jag Formula Program project as outlined in the Application and as required by the Grant Guidance.

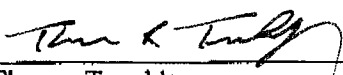
WHEREAS, the Vermont Sheriff's Association agrees to the use of local grant funds to support the development and implementation of the project. The JAG Formula Grant will be a multi-year, multi-phase project. The grant's funds will be used for the purpose of the projects listed below:

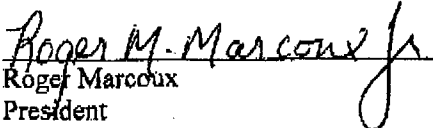
- VIBRS upgrade
- Spillman/E911 upgrade
- Mobile Data Support
- E-Mail Conversion

This agreement shall be effective from the beginning date of the grant for a total of three years, subject to renewal upon mutual agreement by both parties.

By: Vermont Department of Public Safety

By: Vermont Sheriff's Association


Thomas Tremblay
Commissioner


Roger Marcoux
President

Date Signed: 4/6/09

Date Signed: April 06, 2009

Memorandum of Understanding

This Memorandum of Understanding (MOU) entered into between *Vermont Department of Public Safety*, and the *Vermont Association of Chief's of Police (VACOP)* outlines the terms and conditions for the allocation and usage of Edward Byrne Memorial Justice Assistance JAG Formula grant funds for the purposes of upgrading Information Systems to improve and enhance Law Enforcement Programs for local Law Enforcement Agencies. The upgrade will include replacement of some data hardware and software, Spillman 6.0 upgrade and the ArcGis server and will allow for improved crime mapping capabilities to all users. The project would also require funding to cover the projected maintenance fees associated with the migration of the Department of Public Safety mail group to a State of Vermont mail system for the period of three years.

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WHEREAS, the federal grant guidance allows that non-local entities may hold portions of the 29.32% allocation of grant funds on behalf of local units of government provided that local organizations enter into a memorandum of understanding specifying the amount of funds to be retained by the non-local entity. The Department of Public Safety will dedicate the \$787,286 of grant pass through funds for the proposed projects. The department believes that the proposed project provides a direct benefit to the units of local government and agrees that funding of the project at the state level is in the best interest of the *Vermont Association of Chief's of Police*.

The Vermont Department of Public Safety will ensure that appropriate personnel and funds will be assigned to the Recover Act Jag Formula Program project as outlined in the Application and as required by the Grant Guidance.

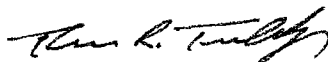
WHEREAS, the *Vermont Association of Chief's of Police* agrees to the use of local grant funds to support the development and implementation of the project. The JAG Formula Grant will be a multi-year, multi-phase project. The grant's funds will be used for the purpose of the projects listed below:

- VIBRS upgrade
- Spillman/E911 upgrade
- Mobile Data Support
- E-Mail Conversion

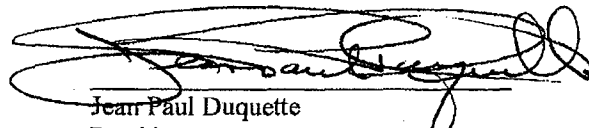
This agreement shall be effective from the beginning date of the grant for a total of three years, subject to renewal upon mutual agreement by both parties.

By: Vermont Department of Public Safety

By: *Vermont Association of Chief's of Police*



 Thomas Tremblay
 Commissioner



 Jean Paul Duquette
 President

Date Signed: 4/6/09

Date Signed: 04/03/09

U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS

Recovery Act – Justice Assistance Grant (JAG) Program

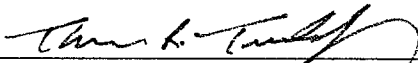
Certification as to Recovery Act Reporting Requirements

On behalf of the applicant entity named below, I certify the following to the Office of Justice Programs, U.S. Department of Justice:

I have personally read and reviewed the section entitled "Accountability and Transparency under the Recovery Act" in the program announcement for the Recovery Act grant program identified above. I have also read and reviewed section 1512(c) of the American Recovery and Reinvestment Act of 2009 (Public Law 111-5), concerning reporting requirements for grants. I agree that the applicant will comply with the reporting requirements set forth therein with respect to any grant the applicant may receive under the Recovery Act grant program identified above.

I acknowledge that a false statement in this certification may be subject to criminal prosecution, including under 18 U.S.C. § 1001. I also acknowledge that Office of Justice Program grants, including certifications provided in connection with such grants, are subject to review by the Office of Justice Programs, and/or by the Department of Justice's Office of the Inspector General.

I have authority to make this certification on behalf of the applicant entity (that is, the entity applying directly to the Office of Justice Programs).



Signature of Certifying Official

Thomas R. Tremblay

Printed Name of Certifying Official

Commissioner

Title of Certifying Official

Vermont Department of Public Safety

Full Name of Applicant Entity

4/8/09

Date

U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS

Recovery Act – Justice Assistance Grant (JAG) Program

General Certification as to Requirements for Receipt of Funds
for Infrastructure Investments

On behalf of the applicant state or unit of local government (including tribal government) named below, I certify the following to the Office of Justice Programs ("OJP"), U.S. Department of Justice:

I have personally read and reviewed the section entitled "Eligibility" in the program announcement for the Recovery Act grant program named above. I also have personally read and reviewed section 1511 of the American Recovery and Reinvestment Act of 2009 (the "Recovery Act"), which requires a specific certification prior to receipt of Recovery Act funds for infrastructure investments.

Initial the statement that applies:

AA

The applicant identified below **does not intend to use** any portion of any funds received under this Recovery Act grant program for any infrastructure investment. Should this intention change, the applicant will promptly notify OJP, and (except to the extent, if any, that OJP has given prior written approval to expend funds to conduct the review and vetting required by law) will not draw down, obligate, or expend any funds received under this Recovery Act program for any infrastructure investment project until section 1511 of the Recovery Act has been satisfied, and an adequate project-specific certification has been executed, posted, and submitted to OJP.

The applicant identified below **does intend to use** some or all of any funds received under this Recovery Act grant program for one or more infrastructure investment projects. Except to the extent, if any, that OJP has given prior written approval to expend funds to conduct the review and vetting required by law, I agree that the applicant entity will execute, post, and submit to OJP, prior to obligating, expending, or drawing down funds for such project, a project-specific certification that satisfies all of the requirements of section 1511 (including execution by the Governor, mayor, or other chief executive, as appropriate) for each such infrastructure investment project.

U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS

General Certification as to Requirements for Receipt of Funds
for Infrastructure Investments

I acknowledge that a false statement in this certification may be subject to criminal prosecution, including under 18 U.S.C. § 1001. I also acknowledge that Office of Justice Program grants, including certifications provided in connection with such grants, are subject to review by the Office of Justice Programs and/or by the Department of Justice's Office of the Inspector General.

I have authority to make this certification on behalf of the applicant (that is, the governmental entity applying directly to the Office of Justice Programs).



Signature of Certifying Official

Thomas R. Tremblay

Printed Name of Certifying Official

Commissioner

Title of Certifying Official

Vermont Department of Public Safety

Full Name of Applicant Government Entity

4/8/09

Date

Department of Public Safety
Addendum
Limited Service Grant funded Position Request

The Division of Criminal Justice Services, Dept of Public Safety has the following vacancies:

- 330001 Public Safety Radio Tech Specialist II - hold for vacancy savings
- 330008 Latent Print Examiner III - position offered
- 330041 PS Communications Supervisor - under recruitment
- 330127 PS Radio Tech Specialist II - under recruitment
- 330155 Network Administrator III - to be reclassified before recruitment
- 330322 Evidence Technician I - under recruitment
- 330142 Highway Safety Program Coordinator - to be eliminated/labor savings target exercise

It is crucial that we fill the vacant radio position vacancies and the network administrator position. The radio section provides radio communications services for public safety first line responders; these systems are critical to our first responders and the citizens of Vermont. As we head into the winter months, these remotely installed systems are prone to weather related failures. The timely restoration of these networks is critical. Typically, we have technicians available to respond 24X7 from five locations strategically located throughout the state. This configuration ensures the timely repair of these life safety networks. Due to retirements and, until recently, the inability to fill these key positions, we no longer have staff in three of our five locations. Our response times and our ability to respond at all to outages have been severely crippled. Over the past year, the communications section has been tasked with several state wide enterprise projects including the development of a statewide interoperable communication network available to all police, fire and EMS organizations. This program (VCOMM) as established by executive order and required by Homeland security demands extensive interaction and support by the communications staff. In addition to the VCOMM program, the Federal Communications Commission has mandated that all communications radio communications systems must comply with new federal regulations. These federal mandates directly impact our systems and will require several hundred hours of staff time to become compliant. The coordination of these programs and several other enterprise programs require the supervisor position and a minimum of two technical positions to be filled.

The information technology "system of services" has continued to grow over the years and the staff continues to shrink. Day to day help desk tickets (calls for service) continues to grow and demand for network flexibility from our users continues to increase. The Department has put on hold new requests from local agencies wanting to move to a site to site VPN solution (a less expensive network connection than a dedicated data circuit). The Dept's one filled network administrator position cannot keep up with the demand for network services. One network administrator cannot keep up with the demand for day to day maintenance of the network and implement the IT projects contained in the ARRA formula grant.

The ARRA competitive grant to expand information sharing cannot be absorbed by existing IT staff because they are needed to keep the current system of services

operational. This grant is calling for a significant expansion of a new system and will require staff to implement it and sustain it.