

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	Organizational Unit	
City of Key West	Key West Police Department	
Address 1604 North Roosevelt Blvd. Key West, Florida 33040-7254	Name and telephone number of the person to be contacted on matters involving this application Benkoczy, Jim (305) 809-1027	
6. EMPLOYER IDENTIFICATION NUMBER (EIN) 59-6000346	7. TYPE OF APPLICANT Municipal	
8. TYPE OF APPLICATION New	9. NAME OF FEDERAL AGENCY Bureau of Justice Assistance	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 16.738 CFDA EDWARD BYRNE MEMORIAL JUSTICE TITLE: ASSISTANCE GRANT PROGRAM	11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT EXPANSION AND ENHANCEMENT OF THE KEY WEST POLICE DEPARTMENT'S INFORMATION TECHNOLOGY PROGRAM	
12. AREAS AFFECTED BY PROJECT This project will affect all aspects of the Key West Police Departments ability to sustain and improve our overall information technology program by adding redundancy in a high availability state to existing computing capacity.		
13. PROPOSED PROJECT Start Date: October 01, 2010 End Date: September 01, 2011	14. CONGRESSIONAL DISTRICTS OF a. Applicant b. Project FL18	
15. ESTIMATED FUNDING Federal	\$19,265	16. IS APPLICATION SUBJECT TO REVIEW BY STATE

Applicant	\$0	EXECUTIVE ORDER 12372 PROCESS? Program is not covered by E.O. 12372
State	\$0	
Local	\$0	
Other	\$0	
Program Income	\$0	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? N
TOTAL	\$19,265	
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.		

Close Window

Program Narrative (Attachment 1)

2004 the Key West Police Department embarked on a technology program that was fully funded by a Community Oriented Policing Services Non Hiring New Technology Grant.

At the time this advancement in our technology capabilities enabled our department to become a more efficient and effective crime fighting organization.

Through the award of our previous non hiring grants, our department has greatly expanded our applications to include vital components that continued to increase our crime fighting ability and the overall quality of police service to the community. These applications include vital software modules and applications; Mobile Data Browser, Field Reporting, Field Arrest, Field Interview, Looking Glass Mapping, Automatic Vehicle Locator, Impravata authentication, Naviline and other document management modules.

This has resulted in the purchase of individual servers and their necessary uninterrupted power supply to run these applications. The increase in the number of servers has been gradual as we applied for and received funding for the needed software applications and servers to handle them over the past several years. However, the use of individual servers to run the various applications allows the potential for complete disruption of the application if the server is fails. This would cause a serious impediment of our ability to provide police services at an advanced level. We have purchased a Blade Center Chassis and two blades to reduce and eventually eliminate the need for individual servers.

However, as the demand for increased server capability grew and new features for existing programs emerged, the department has determined that further upgrades to several of our existing IT applications is needed in order to expand and upgraded these programs.

This grant will fund the purchase of two vital components of our existing IT applications. First, The purchase of the SHI VMware software bundle will give us the ability to add redundancy capabilities and a host of other benefits to our blade center. The vSphere 4 Advanced Acceleration Kit includes licenses for a vCenter Foundation server plus 6 CPU licenses for vSphere Advanced. This will add redundancy capabilities for 3 more blades. Adding 2 vSphere CPU licenses will bring us to 4 blades in the redundant cluster. The vCenter Server standard benefits include: manage all virtual servers in a single window, enable and manage fault tolerance for virtual machines. If one blade goes offline, this server moves the virtual machine to another physical blade, potentially without missing a single processing cycle. The vSphere enterprise licensing benefits include: allowing clustering of blades into a redundant group running Virtual Machines in a high availability state. If one blade fails, the virtual machine moves to another blade automatically and with almost zero interruption in service. This whole package will put four blades at the advanced level. This will result in more than sufficient capacity to provide live failover and eliminate the effects of a server failure.

Secondly, The purchase of three computers to be placed on individual communication consoles will display visual information from our Automatic Vehicle Locator (AVL) system on the location of our police vehicles throughout the city utilizing GPS. Currently there is only one AVL display map located on a wall that is not readily visible to all communication officers while seated at there consoles. The three new computers situated at the console with the Computer Aided Dispatch (CAD) screen directly in front of the

operator will allow the instant ability to determine availability, identity and location of all police vehicles in the city while their mobile data browser is on. These additional computers with AVL display will increase public and officer safety through greater access by more dispatchers to electronic tracking as well as encourage our supervisors and officers to think geographically in accordance with problem and community oriented policing strategies. This ability will aid the dispatch center to determine which unit will be sent to a call or to break from a low priority call and sent to a higher priority call. This process will result in a decrease in time needed to determine which unit to send to a call and reduce the response time to a call.

All of our grants are fiscally managed by the city's Accounting Coordinator, who upon notice of an award obtains a Project Code Number from our Budget Department. Each drawdown and expenditure is tracked through this project code until the final SF269. The Key West Police Department and the City of Key West adheres to all federal Accounting Regulations. We have successfully applied for, received and finalized several federal assistance grants including 2 C.O.P.S. non hiring grants and are currently administering two Byrne ARRA grants and a C.O.P.S. hiring grant. The City of Key West is an equal opportunity employer and the K.W.P.D. has its own E.E.O.P. plan on file at the City of Key West, Human Resources Department and the police department's administrative offices for public review.

Budget Worksheet

Complete the budget worksheet, with computations.
(Note: Fields expand in size as data and text is entered.)

A. Personnel

Name	Computation	Cost
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B. Fringe Benefits

Name	Computation (Rate)	Cost
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C. Travel

Purpose	Location	Item	Computation	Cost
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D. Equipment

Item	Computation	Cost
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E. Supplies

\$3,618.00

Supply Item	Computation	Cost
Dell Desktop Computers	3 x \$1,02.00	\$3,618.00

F. Construction

Description	Computation	Cost
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G. Consultants/Contracts _____

<i>Consultant Fees</i>				
Name	Service	Computation	Cost	
<i>Contracts</i>				
Item	Cost			

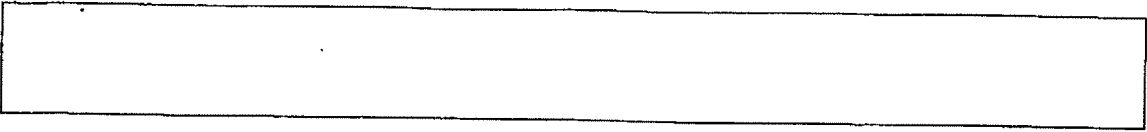
H. Other _____ **\$15,647** _____

Description	Computation	Cost
VMware Advanced Acceleration Kit	1 x \$8,726.00	\$8,726.00
VMware Basic Support	1 x \$2,114.00	\$2,114.00
VMware Advanced Lic.	2 x \$1,866.00	\$3,733.00
VMware Support and Subscription - basic	2 x \$453.00	\$906.00
VMware Technical Support	1 x \$168.00	\$168.00

Total Direct Costs _____ **\$19,265.00** _____

I. Indirect Costs

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Budget Summary Page

A. Personnel/Salary Costs	<u>\$</u>
B. Fringe Benefits	<u>\$</u>
C. Travel	<u>\$</u>
D. Equipment	<u>\$</u>
E. Supplies	<u>\$ 3,618.00</u>
F. Construction	Unallowable
G. Consultants/Contracts	<u>\$</u>
H. Other	<u>\$ 15,647.00</u>
I. Indirect Costs	<u>\$</u>
TOTAL PROJECT COSTS	<u>\$ 19,265.00</u>
Federal Request	<u>\$ 19,265.00</u>
Applicant Funds, if any, to be applied to this project	<u>\$ 0.00</u>

Budget Narrative:

A. Personnel	N/A
B. Fringe Benefits	N/A
C. Travel	N/A
D. Equipment	N/A

E. Supplies

3 Dell computers with Automatic Vehicle Locators to be placed at dispatch consoles to allow communication officers to rapidly identify officer's locations relative to calls for service and dispatch the closest available officer to a call.

F. Construction

G. Consultants/Contracts

H. Other

**1 VMware vSphere advanced acceleration kit
1 VMware support and subscription - basic
2 VMware vSphere Advanced license
2 VMware Support and subscription – technical support
1 VMware Support and subscription – technical support – 2 months for VCenter Server Standard Edition
These are software modules and licenses that will allow for redundancy for our existing blade servers to allow moving of Virtual machines from one blade to another without powering off the Virtual Server.**

Indirect Costs N/A

Review Narrative (Attachment 3)

The Key West Police Department has recently switched to an electronic City Commission Agenda and Agenda setting application (Legistar). The implementation of this program during the period required for the grant review to go before the governing body (City Commission) resulted in the submission being delayed. The attached Agenda Item and Resolution will be heard no later than the City Commission meeting on July 20th, 2010, at which time any citizen or commissioner can have input on acceptance and or how the funds will be expended. A copy of the attachment meeting this requirement will be added to the grant application upon the review and acceptance of the grant application by the City Commission.

The Key West Police Department is aware of the possibility that the failure to submit this documentation at the time of the award may result in the attachment of a withholding special condition at the time of award, preventing the drawdown of funds until the required information is submitted.

Abstract (Attachment 4)

Applicants Name: Key West Police Department

Project Title: Expansion and enhancement of existing Information Technology Capabilities

Project Goals: 1.) Improve Public and Officer Safety through enhanced Automatic Vehicle Locator Computers
2.) Create redundancy capabilities for existing police department computer applications.

Description of Strategies used:

This grant will fund the addition of two separate components to assist with improving the police departments overall capabilities to enhance our effectiveness in delivering crime prevention and crime fighting capabilities to our community.

The Vehicle Locator Computers along with the additional license obtained through a 2009 Byrne Grant will enable the communication officers to locate and dispatch police units based on availability and location while seated at their console without having to divert their attention to a remotely located single display of this information. This allows them to simultaneously operate their CAD (Computer Aided Dispatch) console and the AVL system. This improves the communication officer's ability to make faster decisions on what unit to dispatch to a call based on the officers' availability, proximity to, and the priority of the call to be dispatched. Improved response time to in progress and other high priority incidents will increase both public and officer safety.

The secondary enhancement to the Police Departments Information Technology capabilities will result from the installation of SHI software application known as “VMware”. Currently our mobile data in car computers, field reporting module, the Police Departments’ server, Looking glass, and Naviline are housed on separate servers. Through the purchase of blade servers from a previous grant, the application of the VMware with the applicable licenses will remove the above mentioned applications from separate servers to blade servers. This will provide redundancy capabilities by allowing live migration from one blade to another without missing a single processing cycle. If a blade fails, the VMware moves to another blade automatically and with zero interruption in service. The proposed software package will put four blades at the advanced level. This is more than sufficient to provide live failover.