

APPLICATION FOR

		2. DATE SUBMITTED 06/26/2010	APPLICATION 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 City of Milford		Organizational Unit Milford Police	
Address (city, state, and zip code) 430 Boston Post Rd Milford, Connecticut 06460-2530		Name and telephone number of the person to be contacted on matters involving this application Tim Connor (203) 783-4724	
6. EMPLOYER IDENTIFICATION NUMBER (EIN) 06-6002037		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 Title: EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT PROGRAM		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT Patrol Division License Plate Recognition System	
12. AREAS AFFECTED BY PROJECT This is a Patrol function initiative that will affect law enforce			
13. PROPOSED PROJECT		14. CONGRESSIONAL DISTRICT(S) OF	
Start Date: 07/30/2010	Ending Date: 12/31/2010	a. Applicant CT03	b. Project CT03
15. ESTIMATED FUNDING		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$15,307	Program is not covered by E.O. 12372	
b. Applicant	\$0		
c. State	\$0		
d. Local	\$0		
e. Other	\$0		
f. Program Income	\$0	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?	
g. Total	\$15,307	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 THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS REQUIRED.			
a. Typed Name of Authorized Representative James Richitelli		b. Title Mayor	c. Telephone number (203) 783-4724
d. Signature of Authorized Representative		e. Date Signed	

Previous Editions Not Usable

Standard Form 424 (Rev 4-88)
Prescribed by OMB Circular A-102

**Edward Byrne Memorial
Justice Assistance Grant (Local Solicitation)
FY 2010**

Milford Connecticut Police Department

Project Abstract

Applicant:

Lieutenant Timothy Connor, Patrol Division, Milford Police Department,
203-783-4724, tconnor@ci.milford.ct.us

Project Title:

License Plate Recognition System - LPR

Project Goal:

The funds provided by this grant will be used to purchase components of a license plate recognition system. License plate recognition or license plate readers are an image processing technology that uses mobile or fixed camera units along with optical character recognition (OCR) software to identify license plates. The OCR software extracts the license plate image, enhances the image, and analyzes each character from the plate, regardless of the design or colors of the license plate. The enhanced image is captured along with an image of the vehicle, the date and time along with the GPS coordinates of where the image was captured.

Mobile applications of this product can support up to four cameras per unit with simultaneous LPR processing. The LPR application is installed on the mobile data computer without any operational interference of current CAD or RMS software applications. The LPR system checks the saved image of the license plate against real time hot list, stolen vehicles, wanted persons, vehicle of interest.

This system would dramatically increase our ability to enforce traffic laws, locate and identify wanted, missing, or supervised persons, apprehend criminal offenders, and recover stolen vehicles and property.

Strategy and Plans:

Because this grant will be used to purchase equipment, funds will be expended very early in the grant period, during the first and second quarter of the first year of the grant period.

The applicant will manage JAG funds. The department's Administrative Division, in close coordination with the applicant, will manage installation of equipment, maintenance, and training.

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Milford Connecticut Police Department

Budget & Budget Narrative:

A) Equipment:

<u>Description</u>	<u>Computation</u>	<u>Quantity</u>	<u>Cost</u>
CarDetector – Condor DSP Based Mobile LPR 3 Camera System	\$12,780.00	1	\$12,780.00
Ruggedized Ledco Tuffhub	\$ 367.00	1	\$ 367.00
Trunk-mounted Camera Bracket	\$ 90.00	3	\$ 270.00
		<u>Subtotal:</u>	\$13,417.00

B) Installation:

<u>Description</u>	<u>Computation</u>	<u>Quantity</u>	<u>Cost</u>
Start-up, Configure & Commission The CarDetector Mobile System Misc. Hardware	\$ 910.00	1	\$ 910.00
		<u>Subtotal:</u>	\$ 910.00

B) Training:

<u>Description</u>	<u>Computation</u>	<u>Quantity</u>	<u>Cost</u>
Vigilant Video End User Training For CarDetector Mobile System & LEARN	\$ 980.00	1	\$ 980.00
		<u>Subtotal:</u>	\$ 980.00

With this grant the Milford Police Department will purchase a license plate recognition system (LPR). The LPR system extracts the image of the plate then analyzes the characters of the plate regardless of the design or colors of the license plate. The enhanced image is captured along with an image of the vehicle, the date and time along with the GPS coordinates of where the image was captured.

The LPR system checks the saved image of the license plate against a real time hot list, stolen vehicles, wanted persons, and vehicles of interest. This system would dramatically increase our ability to enforce traffic laws, locate and identify wanted, missing, or supervised persons, apprehend criminal offenders, and recover stolen vehicles and property.

Budget Summary:

<u>Category</u>	<u>Amount</u>
Equipment	\$13,417.00
Installation	\$ 910.00
Training	\$ 980.00
<u>Total Project Cost</u>	<u>\$15,307.00</u>

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FY 2010**

Milford Connecticut Police Department

Program Narrative:

The Milford Police Department is eligible to receive a grant of \$15,307 from the United States Department of Justice, Bureau of Justice Assistance. If approved the Milford Police Department will use the Justice Assistance Grant (JAG) funds to purchase a license plate recognition system (LPR). The optical character recognition (OCR) software identifies license plates, analyzing each character from the plate, regardless of the design or colors of the license plate. The enhanced image is captured along with an image of the vehicle, the date the time along with the GPS coordinates of where the image was captured.

This system would dramatically increase our ability to enforce traffic laws, locate and identify wanted, missing, or supervised persons, apprehend criminal offenders, and recover stolen vehicles and property.

The recommended design we are looking at is the Vigilant Video's LPR system. This system is a rugged design making it ideal for the drastic weather changes and conditions of New England. The Vigilant Video's LPR camera has a dual lens, allowing for IR and color cameras in one camera housing. Vigilant Video Inc. is an American company with their headquarters in Livermore, CA, with a current staff of over 100 personnel.

Vigilant Video Inc.
2021 Las Positas CT. Suite #101
Livermore, CA 94551
925-398-2079
<http://www.vigilantvideo.com>

Vigilant Video's Law Enforcement Archival Reporting Network (LEARN) is currently installed and operational for the Connecticut Capital region. The following departments are participating in this regional database: Hartford, Newington, Wethersfield, East Hartford, West Hartford, Orange, New Britain, and Waterford. The network scans 10,000 plates a week checking the saved images of the license plates against a real time hot list, stolen vehicles, wanted persons, and vehicles of interest.

The estimated time line for project milestones is as follows. From award of this grant and receipt of funds, delivery time for equipment is estimated at eight weeks. Complete installation for the system and training for department personnel is estimated at twelve weeks. With an estimated total of twenty weeks from receipt of funds to completion of fielding of the complete system, the primary goal of this project will be achieved and 100% of project funds expended.

The overarching objective of this project, increased operational effectiveness and efficiency of patrol assets, will be realized over the months and years following project completion.

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FY 2010**

Milford, Connecticut Police Department

Review Narrative:

The Program Narrative and Budget Narrative for this project were presented to the Board of Police Commissioners, the governing body for this department, on June 14, 2010 for review and approval. The project details were discussed in open session allowing for public comment during the meeting. The Board of Police Commissioners unanimously approved the application and the proposed project. There were no public comments regarding the project, and the discussion and approval were entered into the official minutes of the meeting.

The Program Narrative and Budget Narrative for this project will be presented to the Board of Alderman, the governing body for the City of Milford, on July 12, 2010 for review and approval. The project details will be discussed in open session allowing for public comment during the meeting.

On June 15, 2010 information regarding this grant program was placed on this department's public website and citizens are invited to review and comment until June 30, 2010. As of June 26, 2010, no comments were submitted.