

APPLICATION FOR

1. TYPE OF SUBMISSION Application Non-Construction		2. DATE SUBMITTED 07/22/2010	APPLICATION IDENTIFIER
		3. DATE RECEIVED BY STATE	STATE APPLICATION IDENTIFIER
		4. DATE RECEIVED BY FEDERAL AGENCY	FEDERAL IDENTIFIER
5. APPLICANT INFORMATION			
Legal Name City of Revere		Organizational Unit Revere Police Department	
Address (city, state, and zip code) 400 Revere Beach Parkway Revere, Massachusetts 02151-4050		Name and telephone number of the person to be contacted on matters involving this application Kathleen Callahan (781) 286-8337	
6. EMPLOYER IDENTIFICATION NUMBER (EIN) 04-6001412		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 Revere Grant Administration Program	
12. AREAS AFFECTED BY PROJECT City of Revere			
13. PROPOSED PROJECT		14. CONGRESSIONAL DISTRICT(S) OF	
Start Date: 09/01/2010	Ending Date: 08/31/2012	a. Applicant MA07	b. Project MA07
15. ESTIMATED FUNDING		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$32,592	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	\$32,592	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 Thomas Ambrosino		b. Title Mayor	c. Telephone number (781) 286-8111
d. Signature of Authorized Representative		e. Date Signed	

Previous Editions Not Usable

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

FY'10 Edward Byrne Memorial Justice Assistance Grant Program ~ Local Solicitation

Program Narrative (Attachment 1)

The Revere Police Department is requesting funds from the Bureau of Justice Assistance Edward Byrne Memorial Justice Assistance Grant to purchase two L3communications Mobile-Vision, Inc.'s Automatic License Plate Recognition System (ALARS).

The City of Revere in partnership with the Revere Police Department has determined that the incidence of crime and violence in and around the City of Revere, in particular motor vehicle theft and title fraud and theft continues to raise serious concerns among City leaders and law enforcement officials. There are three MBTA stations in the Revere. These stations are major repositories for a large number of cars each day. Revere also houses numerous shopping centers, an eighteen theater Cineplex, a race track, and a five mile public beach that attracts thousands of people, especially during the summer months with a proportionate criminal element. All of these areas are where a great deal of the City's motor vehicle theft occurs. It should be noted that the City of Revere maintains roadways that connect motorists to major interstate highways, the City of Boston, Logan International Airport, Revere Beach, the Wonderland Race Track, and points north. All of these factors result in a high volume of traffic each day and more importantly in Revere being labeled a "gateway community". Investigations are often hampered by the sheer volume of motor vehicle traffic within the community.

The City in partnership with the Revere Police Department will develop a pilot program that will utilize emerging license plate recognition technologies in the investigation and detection of stolen motor vehicle cases. In addition, this initiative will work to advance the "Broken

Windows” theory of policing in helping to remove abandoned motor vehicles from the streets to reduce urban blight. This Program will focus on motor vehicle/title theft and related-crime, and in turn, strengthen the Revere Police Department’s ability to investigate and prosecute offenders and target motor vehicle related crimes.

The Revere Police Department will also enhance its current emergency response capabilities, productivity, and officer safety through the acquisition and implementation of the Automatic License Plate Recognition System (ALARS). The System can alert users to the presence of a motor vehicle that is associated with individuals/suspects who have previously been trespassed from specific locations, such as a gang member involved vehicles from the Revere High School. In recent years, the incidence of gang activity and violence has become a serious problem in Revere that continues to escalate. The Revere Police Department reports that approximately 110 gang members currently reside in Revere. In addition, the Department reports that the majority of criminal gang activity in Revere is “overflow activity”. Gang members from other surrounding communities, such as Chelsea, East Boston, and Lynn come into the area, because Revere is an access point between other communities with gang activity.

The Department will utilize the ALARS System to combat such crime and to identify gang members and offenders during emergency responses to crime scenes/locations.

It is important to note that the ALARS System has the capability to run over 1,500 license plates per minute over four lanes of highway. The Department will equip two patrol cars with the License Plate Recognition application. Additionally, the System will provide officers with the means to identify and locate suspect vehicles. The application serves as a force multiplier (capable of logging

thousands of plates per day) working in a time span that is impossible to attain through normal entry of query information by multiple users on a standard mobile data terminal (MDT). It should also be noted that the System can read plates on vehicles traveling up to 160 miles per hour. Furthermore, the ALARS System has the ability to scan, store, and recall readings for up to one month. This information is invaluable when conducting forensic investigations of suspect vehicles present in the area and for detecting the time frame in which a crime or crimes were committed. Such information can serve to eliminate suspects or incriminate individuals in relationship to a specific crime(s).

As previously mentioned, the Revere Police Department will equip two traffic patrol cars with the License Plate Recognition application; there will be two cameras on the front of each car (one on each side) and two cameras in the rear of the cruiser. The proposed technology works day and night, and in adverse weather conditions. This is accomplished through the use of an infrared camera that captures images of license plates. Optical Character Recognition is used and the plate image is then translated into text which can be used for database matching purposes. The system captures and stores a permanent record of everything that is "sees". Furthermore, it provides historical data associated with the particular license plate. The data is encrypted, automatically dismissing any claims of evidence tampering. Also, because the system sees and reads every license plate and not just those of suspicious looking persons, discrimination claims maybe laid to rest. This system also has the capability to act as a revenue generator for the City of Revere. The system will allow officers to identify vehicles with outstanding traffic and parking violations. This will result in an improvement in the collection of unpaid citations and taxes.

One of the most valuable aspects of the ALPR System is that it acts as a force multiplier (capable of logging thousands of plates per day), providing officers with the ability to enter in over a hundred plates per day and in turn free up the officer for other duties. Other valuable aspects of the PIPS System are that it can be used for amber alert searches, identifying BOLO suspects (Be on the Lookout), and can be utilized during winter months for snow removal planning. As previously mentioned, the system will also work to advance the “Broken Windows” theory of policing to help remove abandoned motor vehicles from the streets to reduce urban blight. This technology is being used nationally too and aids police departments in sharing stolen vehicle information between states; cars that are stolen in one state and recovered in another state.

It is important to note that the Revere Police Department is currently working with the Insurance Fraud Bureau of Massachusetts (IFB) on the Community Insurance Fraud Initiative (CIFI). This is a program that links insurance industry investigators and resources with local police departments in order to crack down on communities that have been identified as having above average reports of motor vehicle theft and motor vehicle insurance claims. Revere is one such community. The Department’s ability to investigate fraudulent claims and identify offenders will be increased through the proposed initiative and Automated License Plate Recognition Technology. In addition, it will also increase the identification of wanted persons who can only be tracked down by the vehicles that they are driving. It will also aid the Revere Police Department in curtailing future crimes involving these individuals and motor vehicles.

FY'10 Edward Byrne Memorial Justice Assistance Grant Program ~ Local Solicitation

Budget Overview & Budget Narrative (Attachment 2)

The Revere Police Department is requesting funds from the Bureau of Justice Assistance Edward Byrne Memorial Justice Assistance Grant to purchase and install 2 L3Communications Mobile-Vision, Inc. Automatic License Plate Reader (ALPR) Systems. Specifically, the Department is requesting \$32,592.00. This money will cover two quad camera systems which will be installed in two patrol cars. A total of 4 cameras per car will be installed. These cameras will have the ability to read license plates on vehicles from all directions. Two of the four cameras will be placed in areas that will allow officers to read license plates in parking lots. Also, included in the cost is the backend software that will provide the Department with the ability to upload the data from the ALPR system and analyze it for other purposes such as criminal investigation. All cameras have infrared technology that allows for the reading of plates in low light and no light situations. A mobile data computer system consisting of two computers is including in the costs as well. This hardware is necessary to run the ALPR System. The acquisition of the ALPR System will take place once funding is awarded. Please note that the Revere Police Department will cover the remaining \$833.50 in costs.

Budget Overview

A. Personnel	\$0.00
B. Fringe Benefits	\$0.00
C. Travel	\$0.00

D. Equipment

L3Communications Mobile-Vision, Inc. Automatic License Plate Reader System=
\$33,425.50

2 quad camera systems – Premium Parking Lot Patroller with front color camera. ALPR Dual Lens Camera with Infrared Illuminator. USB Network Cable, Back Office Software, Alert Vu, License and Dongle, mobile data computer system, installation, and Camera/monitor bracket mounting hardware.

E. Supplies	\$0.00
F. Construction	\$0.00
G. Consultants/Contracts	\$0.00
H. Other	\$0.00
I. Indirect Costs	\$0.00

Total Federal Request: \$32,592.00

FY'10 Edward Byrne Memorial Justice Assistance Grant Program ~ Local Solicitation

Review Narrative (Attachment 3)

****Please note that that no further public comment or governmental body review was required for this revision per the information and guidance received by the Revere Police Department via email from the State Policy Advisor on July 12, 2010.**

The Revere Police Department, (in particular the Chief of Police) was pro-active in promoting their FY'10 application for assistance from the Edward Byrne Memorial Assistance Justice Assistance Grant. The application was made available for review to the Mayor of Revere. In fact, the Chief of Police met with the Mayor to further discuss the Department's request for funding to support grant administration and the Chief presented the application to the Revere City Council on May 24, 2010.

Additionally, the Department submitted a legal notice to the local newspaper on May 10, 2010 (ran in paper week of May 26, 2010) informing Revere residents and the entire community of the Department's application for Edward Memorial Byrne Justice Assistance Funds. Residents were given an opportunity to respond to the Department's application as well. It should be noted that the Department did not receive any comments from Revere residents

FY'10 Edward Byrne Memorial Justice Assistance Grant Program ~ Local Solicitation

Abstract (Attachment 4)

Applicant's Name: Revere Police Department

Project Title: Revere ALPR Pilot Initiative

The primary goal of this proposed project is to decrease motor vehicle theft and related crime within the City of Revere. The Revere Police Department has determined that the incidence of crime and violence in and around the City of Revere, in particular motor vehicle theft and title fraud and theft continues to raise serious concerns among City leaders and law enforcement officials. The City in partnership with the Revere Police Department will develop a pilot program that will utilize emerging license plate recognition technologies in the investigation and detection of stolen motor vehicle cases. In addition, this initiative will work to advance the "Broken Windows" theory of policing in helping to remove abandoned motor vehicles from the streets to reduce urban blight. This Program will focus on motor vehicle/title theft and related-crime, and in turn, strengthen the Revere Police Department's ability to investigate and prosecute offenders and target motor vehicle related crimes, as well as enhance productivity, and improve officer safety.