

Commonwealth of Massachusetts
Executive Office of Public Safety and Security
Office of Grants and Research
Highway Safety Division
10 Park Plaza, Suite 3720
Boston, MA 02116
Tel: 617.725.3341

Application for Grant Funds (AGF)
FFY 2011 Automated License Plate Reader Grant Program
Deadline for Applications: Noon, November 29, 2010

All sections must be completed to be eligible.

Name and Complete Address of Department or Municipality			
REVERE POLICE DEPARTMENT, 400 Revere Beach Parkway, Revere, MA 02151			
Chief's Last Name	First	Middle Initial	
Reardon	Terence	K.	
E-Mail Address	Telephone	Fax	
treardon@reverepolice.org	781-286-8325	781-286-8328	
Grant Contact Last Name	First Name	Middle Initial	Title
Callahan	Kathleen	A.	Grant Administrator
E-Mail Address	Telephone	Fax	
kcallahan@reverepolice.org	781-286-8337	781-286-8328	
Applicant Profile			
Does your department currently have any ALPR units in use? If so, how many?		1	
Number of full-time officers		89	
Number of part-time officers		0	
What is the population of your community according to the 2009 census?		51,693	
How large is your community (square miles)?		10.3 Total Area 5.92 Land Area	

Problem Identification

Category	2007	2008	2009
Number of unlicensed motorist citations	226	184	133
Number of uninsured motorist citations	58	29	47
Number of operating with a suspended license citations	205	149	138

Number of operating with a suspended license arrests	48	45	43
Number of stolen vehicles reports	213	220	192
Number of stolen vehicle arrests	11	27	9

Proposed Programming

Experience- Provide a summary of previous experience your department has with highway safety initiatives (Click It or Ticket, Massachusetts Law Enforcement Challenge, crash reporting, etc.).

The Revere Police Department has vast experience in working on highway safety initiatives. The Department has previously been awarded funds for traffic enforcement projects and has been successful in implementing these projects within Revere. The Department also has previous experience with Click It or Ticket. The Department ran three mobilizations last year for Click It or Ticket, all of which were successful.

Timeline- Provide your projected timeline for unit purchase, training, and implementation (January 2011-June 30, 2011).

The Revere Police Department's projected timeline is as follows.

*February 1, 2011 – purchase unit

*March 1 -15, 2011 – training. *Traffic Division to be trained on the ALPR System.

Deployment/implementation of project will be 1 week after training is completed. Anticipated dates – March 22-29, 2011.

Project Activities- Describe your proposed deployment use (how many hours per day, per week, etc.).

The proposed license plate recognition initiative will provide the Revere Police Department with the ability to combat criminal activity and investigate and detect motor vehicle violations within the City of Revere while at the same time enhance the Department's productivity and officer safety. The Automated License Plate Recognition (ALPR) technology will provide the Department with an effective tool to combat motor vehicle theft particularly in shutting down so called "chop shops", insurance and title fraud, the use of uninsured and unregistered vehicles, and abandoned motor vehicles. As is often the case people who disregard motor vehicle law also violate the criminal statutes. The ALPR will also work to increase office productivity through the use of emerging technology. In addition, the project will strengthen the Department's ability to investigate and prosecute offenders. The proposed project will also work to advance the "Broken Windows" theory of policing in helping to remove abandoned motor vehicles from the streets to reduce urban blight and in snow removal.

The Revere Police Department proposes to deploy the ALPR unit on all patrol shifts 24 hours per day. The Officer driving the vehicle with the ALPR unit will be directed to specific areas within the City identified by the Department with the greatest need and the areas where major crimes occur. Plate information of the vehicles in these areas will be captured to aid in the investigation of crimes. As a secondary enforcement strategy the technology will be deployed on the major thoroughfares that traverse the community. A recent survey of Mahoney Circle at the confluence of Routes 1A and 60 revealed over 175000 motor vehicles a week using just one road.

Capabilities- Describe your department's technical capabilities to implement this program.

The Revere Police Department has a full-time officer who is dedicated to IT. This individual is experienced in the deployment and operations of the ALPR units/systems. It is important to note the Department currently has 1 ALPR unit (obtained through another grant), and in turn has recent experience in implementing and utilizing such equipment. In addition, the Department record management system records all citations as to location, type, productivity and demographic information concerning the operator. It is hoped this technology will help in diffusing any implication of racial profiling by detecting violations from the information transfer instead of operator identification.

The Chief of Police will maintain the primary responsibility of overseeing the project and will work with the Department's Traffic Division, Sergeant, who will be responsible for the direct supervision of officers assigned to the Traffic Division and the patrol cars that are equipped with the ALPR technology. This individual has worked in the Traffic Division for five years. He has valuable management experience and is a valued member of the Department. In addition, three members of the command staff have attended the recent IACP Technology Technical Assistance Program workshop entitled "Implementing LPR Technology in Your Community" in learning how best to deploy the technology.

Goals- Identify specific, measurable, attainable, realistic and time-bound goals and objectives for this program (i.e. increase uninsured motorist violations by 20% over 2009 levels by August 2011).

The primary goal of the proposed project is to decrease motor vehicle theft, related crime and other motor vehicle violations occurring within the City of Revere. Specifically, the Department will decrease motor vehicle theft and related crime by 20% within the next year. Another goal will be to decrease title and insurance fraud within the City of Revere by 10% over previous year's levels within the next year. A third goal is to increase officer productivity through the use of emerging technology. This will be accomplished by equipping a patrol car with an ALPR unit. This goal will be accomplished in March 2011, when the unit/system is implemented. In addition, where as Route 107 has gained a reputation for narcotics trafficking between the cities of Chelsea and Lynn, the Department intends to employ this technology along this corridor to positively impact the use of the roadway in stemming the flow of narcotics within and without the three communities. As the city is in the direct flight path of Logan Airport runways, the Department will also conduct routine patrol in areas where terrorist activities could occur regarding the deployment of ManPad threats or other significant BOLOs or Amber Alerts. The technology allows for daily audits to glean the effectiveness of the use of the technology and will be the subject of weekly review by the Department's Bureau of Standards and Practices.

Evaluation- Describe your evaluation plan (for example, a pre and post data comparison for your community during the grant period with the same time period in the previous

year).

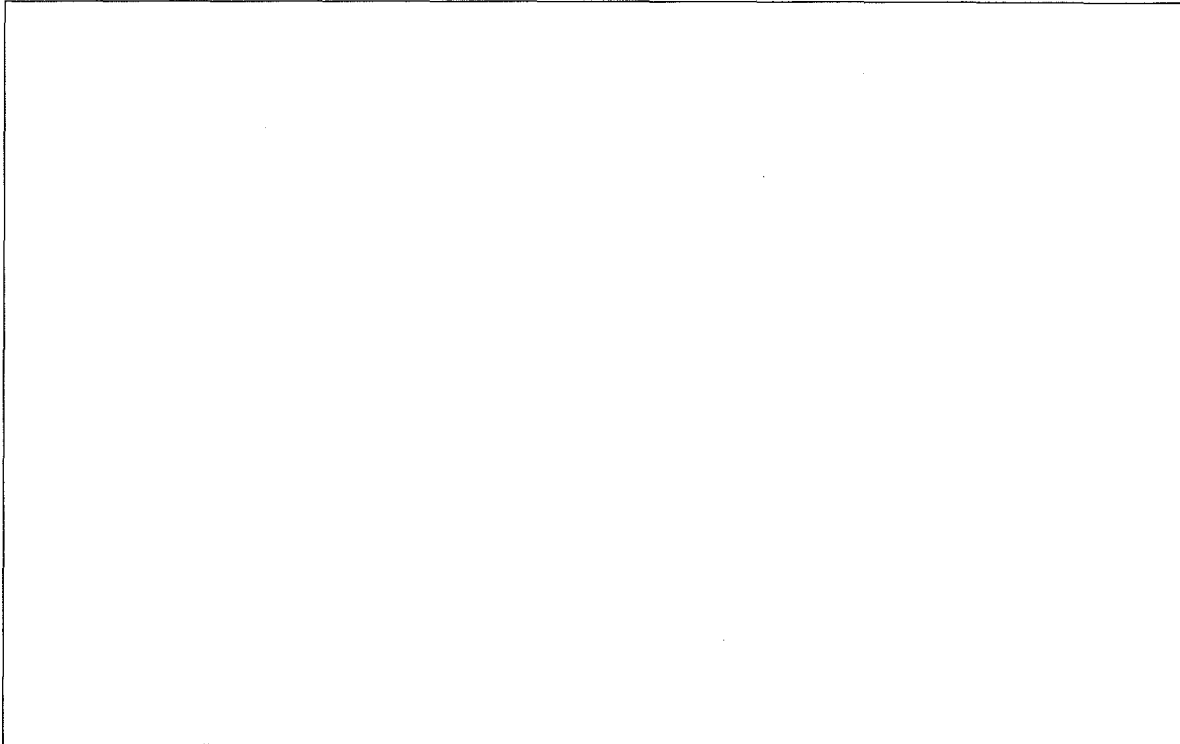
The Revere Police Department will measure and evaluate project progress and outcomes in relation to stated goals, objectives, and the proposed timeline. The Chief of Police will oversee the collection of baseline data, specifically data pertaining to motor vehicle theft, title and insurance fraud, recovered stolen vehicles, apprehension of offenders (arrests), and calls for service regarding motor vehicle crime. The accurate collection and analysis of this information is essential in determining project effectiveness. The Chief of Police and the Traffic Sergeant will review and analyze the aforementioned data and will then measure the impact that the ALPR Unit/System is having on motor vehicle theft, insurance and title fraud, and other related crime in the City. The project will be evaluated in a manner that will measure decreases in motor vehicle theft and insurance and title fraud. The Department will utilize the ALPR System and the Records Management System (RMS) to collect and manage baseline data. The Department has been utilizing this System for over ten year. Both systems will play key roles in comparing data and crime statistics to previous year's data and statistics. The Chief of Police and Traffic Sergeant will examine monthly/cumulative information and determine if objectives have been achieved.

Additional Information- Provide any additional information about your current and/or proposed ALPR program you would like EOPSS to consider when evaluating your AGF response (major highways through community, commuter population).

The City of Revere maintains roadways that connect motorists to major interstate highways, the City of Boston, Logan International Airport, Revere Beach, Suffolk Downs 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". It is important to note that investigations are often hampered by the sheer volume of motor vehicle traffic within the community.

Due to the close proximity to Boston, it is essential for the Revere Police Department to be able to quickly identify stolen vehicles, unregistered vehicles, identify felons and/or wanted individuals, and in turn enhance its ability to apprehend offenders. Also, there are three MBTA stations in 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.

It should also be noted that oil tankers travel through Revere on a daily basis to access the oil fields located in Revere. This poses a serious terrorist threat to the community. Another important factor to note is that Revere is on the UASI Evacuation Route for the City of Boston.



BUDGET TEMPLATE

January 2011 - June 30, 2011- also provide specification sheet from your chosen vendor

Equipment	Cost/Rate	Total
Please see attached quote		
MHQ-VENDOR	\$18,945.00	\$18,945.00
Total		

Total funding requested **\$ 18,945.00**

Please Note:

If your department does not have an officer safety belt policy, 50% of your total grant award will be deducted. If your department falls into this category, please provide a statement agreeing that the balance will be paid by your department or that no funds will be awarded.

Grant recipients are required to provide an in-kind (soft) match which represents 20% of the total project cost. For example if you receive \$5,000, your 20% match would be calculated as follows: \$5,000 divided by 80% = \$6,250 X 20% = \$1,250.

FEDERAL IN-KIND MATCH REQUIREMENTS - REQUIRED

Item/Service	Quantity	Cost	Total
Supervisor time for oversight of program	5% of salary	\$86,128.64	\$4,306.43
Preparation of reports & reimbursements for the Program by Grant Administrator	5% of salary	\$31,200.00	\$1,560.00

Department's plan to pay for additional maintenance and warranty costs:

Revere Police Department's budget

For EOPSS/HSD Use:

Revised Total Request:

\$ _____

Applications due on or before November 29, 2010 at noon to:

Dan DeMille, Program Coordinator
 Executive Office of Public Safety and Security
 Office of Grants and Research
 Highway Safety Division
 10 Park Plaza, Suite 3720
 Boston, MA 02116

CHECK LIST

- Completed Application (original and 8 copies)
- Required Signatures
- Safety belt policy or commitment to establish one by DATE



Contract Authorized Signatory Listing

Please note that in the event that your department or municipality is selected for an award, a Standard Contract Form and General Subrecipient Conditions will be provided for your signature at that time.

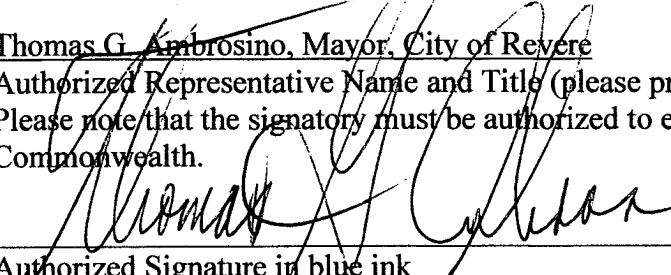
Before signing below, or obtaining signature, please be sure the entire application is complete.

ASSURANCES

The Revere Police Department/municipality acknowledges and agrees to comply with all grant contract requirements and performance measures. This municipality or department understands and agrees that a grant received as a result of this application is subject to the regulations governing highway safety projects and grant management requirements and will comply with all State and Federal Guidelines. Funding is based on availability of federal funds. I hereby acknowledge my understanding of the above grant requirements and will comply with the best of my ability:

Thomas G. Ambrosino, Mayor, City of Revere
Authorized Representative Name and Title (please print)

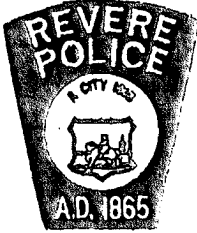
Please note that the signatory must be authorized to enter into a contract with the Commonwealth.


Authorized Signature in blue ink

11/17/10
Date signed in blue ink

Deadline: An original application form with attachments, along with three copies, must be received by HSD by **noon on November 29, 2010**. Faxed and electronic responses will **NOT** be accepted.

*It is suggested that departments verify with EOPSS-HSD receipt of application prior to deadline (this is because of recent mail delivery problems). Please email Dan DeMille at Daniel.DeMille@state.ma.us to verify receipt.

	<p>Revere Police Department Revere, Massachusetts</p> <p>Service, Courage and Commitment</p>
	<p>Policy No. 403.2</p>
	<p>Topic: SAFETY BELT POLICY</p>

Issue Date: 3/9/2010

Cancels: All previous

Review Date: 3/9/2012

Distribution:

CALEA Accreditation Standard Reference: 41.3.3

NOTE: This policy is for the internal guidance of the Revere Police Department, and is not intended and shall not be used to establish a higher standard of care in any proceeding, civil or criminal, than is provided by State law, except that it may be used for internal disciplinary purposes.

- I. **MANDATORY USE OF SAFETY BELTS** Research clearly indicates that the use of safety belts has a significant effect in reducing the number of deaths and the severity of injuries from vehicular collisions. A police officer's chance of being involved in a motor vehicle collision is greater than that of the general public. The use of safety belts reduces this risk and assists the officer in maintaining proper control of the cruiser in all types of normal and emergency driving.
 - A. To assure the safety of all personnel, drivers and passengers must wear safety belts at all times in all vehicles owned, leased, or rented by the department. This also applies to the operation of privately owned vehicles or other vehicles if used on-duty. It is strongly recommended that all personnel and their families utilize safety belts in vehicles in an off-duty capacity to further reduce the risk of death or injury.
 - 1. Department personnel must use the safety belts installed by the vehicle manufacturer. They must be properly adjusted and fastened when operating or riding in any vehicle so equipped while on-duty.
 - 2. Lap belts must be properly secured in those vehicles equipped with automatic safety belt systems that require the lap portion of the belt to be manually secured.

	Policy No. 403.2
	Topic: SAFETY BELT POLICY

3. The driver of the vehicle is responsible for insuring compliance by all occupants of the vehicle they are operating. In the event that a child requires transportation, approved child safety seats must be used as prescribed by law.
4. No person shall operate a Department vehicle in which any safety belt in the drivers seating position is inoperable.
5. No person shall modify, remove, deactivate or otherwise tamper with the vehicle safety belts except for vehicle maintenance and repair and not without the expressed authorization of the Administrative Services Division Commander.
6. Personnel who discover an inoperable restraint system shall report the problem on a "Cruiser Defect" form. Prompt action will be taken to repair or replace the system.
7. Any person under arrest and being transported in a department vehicle is required to be secured in the vehicle by a safety belt in all seating positions for which the vehicle manufacturer provides safety belts. CAUTION: Prisoners that are handcuffed in front have the ability to release the handcuffs using the safety restraints latch plate. If an officer encounters an unruly prisoner or if the application of the safety belt may jeopardize the safety of the police officer, prisoners may be transported without the safety belt.
8. An officer working in an undercover capacity may be exempt only if the officer believes the use of the safety belt will compromise his/her identity.
9. When arriving at an emergency call or making a traffic stop, the operator may remove the safety belt just prior to stopping for quick exit. Caution should be exercised to ensure that during the traffic stop, the violator is in fact going to stop. This prevents becoming involved in a pursuit without the use of a safety belt.



MHQ - Vendor

November 16, 2010

REF: 3 Camera Mobile P362 ALPR Price Quote

Lt. Steven Ford
 Revere Police Department
 400 Revere Beach Parkway
 Revere, Massachusetts 02151

Lt. Ford,

I'm pleased to provide you with this quote for a three Camera Mobile ALPR system "hard" mounted and integrated into an MDT system in your patrol vehicle.

Key points about Federal Signal in the ALPR market:

- For more than 16 years, Federal Signal market focus has specialized in Automatic License Plate Recognition technologies.
- As an Original Equipment Manufacturer, they design, manufacture, and develop their own hardware and software – they control the quality and support of their products from start to finish.
- PIPS offers an ALPR "back-end" analysis software package (BOSS) that provides data-mining of "historic" license plate information obtained and stored from all deployed mobile (and fixed) systems within your department.

Qty	Item	Description	List Unit Cost
1	1	SLATE-750- PLUS MA Three Camera Mobile Law Enforcement Package including 750nm illumination, SuperRexIII processor, camera cable/connector(s), GPS module, PAGIS software and dongle, PIPS ALPR/OCR Engine, Client/Server architecture, camera bracket mount assemblies	15,250.00
1	2	PIPS-SW-BOSS Back Office System Software utilizing Microsoft SQL Express Server Software for system administration, data analysis and data storage, data mining, reporting, mapping via google Maps, remote alerting, and networking in support of inter-agency data sharing. Note: Software includes 1 administrative plus 2 user license.	INCLUDED
1	3	PIPS-SRVC-MVI ; Field Engineering services required for the installation of the PIPS Mobile ALPR system on a traffic vehicle including PAGIS in car and BOSS back office software training. Priced on a per car vehicle basis	\$2,900.00

1 4 **BOSS MAP-MAP Advanced mapping utilizing BING maps -Birds eye, satellite, multiple images** \$795

Total Cost \$18,945.00

COMMONWEALTH OF MASSACHUSETTS CONTRACTOR AUTHORIZED SIGNATORY LISTING



CONTRACTOR LEGAL NAME: CITY OF REVERE POLICE DEPARTMENT
CONTRACTOR VENDOR/CUSTOMER CODE:

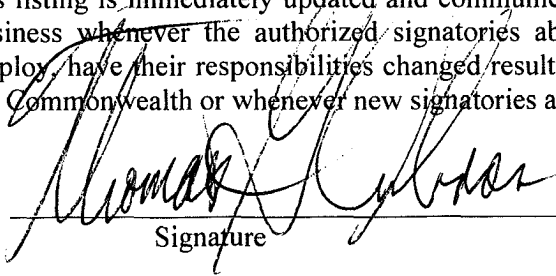
INSTRUCTIONS: Any Contractor (other than a sole-proprietor or an individual contractor) must provide a listing of individuals who are authorized as legal representatives of the Contractor who can sign contracts and other legally binding documents related to the contract on the Contractor's behalf. In addition to this listing, any state department may require additional proof of authority to sign contracts on behalf of the Contractor, or proof of authenticity of signature (a notarized signature that the Department can use to verify that the signature and date that appear on the Contract or other legal document was actually made by the Contractor's authorized signatory, and not by a representative, designee or other individual.)

NOTICE: *Acceptance of any payment under a Contract or Grant shall operate as a waiver of any defense by the Contractor challenging the existence of a valid Contract due to an alleged lack of actual authority to execute the document by the signatory.*

For privacy purposes **DO NOT ATTACH** any documentation containing personal information, such as bank account numbers, social security numbers, driver's licenses, home addresses, social security cards or any other personally identifiable information that you do not want released as part of a public record. The Commonwealth reserves the right to publish the names and titles of authorized signatories of contractors.

AUTHORIZED SIGNATORY NAME	TITLE
TERENCE K. REARDON	CHIEF OF POLICE

I certify that I am the President, Chief Executive Officer, Chief Fiscal Officer, Corporate Clerk or Legal Counsel for the Contractor and as an authorized officer of the Contractor I certify that the names of the individuals identified on this listing are current as of the date of execution below and that these individuals are authorized to sign contracts and other legally binding documents related to contracts with the Commonwealth of Massachusetts on behalf of the Contractor. I understand and agree that the Contractor has a duty to ensure that this listing is immediately updated and communicated to any state department with which the Contractor does business whenever the authorized signatories above retire, are otherwise terminated from the Contractor's employ, have their responsibilities changed resulting in their no longer being authorized to sign contracts with the Commonwealth or whenever new signatories are designated.



Signature

Date: 11/17/10

Title: MAYOR, CITY OF REVERE Telephone: (781)286-8110
Fax: (781)286-8199 Email: tambrosino@revere.org

[Listing can not be accepted without all of this information completed.]
A copy of this listing must be attached to the "record copy" of a contract filed with the department.