

APPLICATION FOR

1. TYPE OF SUBMISSION Application Non-Construction		2. DATE SUBMITTED 05/08/2012	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 Boca Raton		Organizational Unit Boca Raton Police Services Department	
Address (city, state, and zip code) 100 NW 2nd Avenue Boca Raton, Florida 33432-3704		Name and telephone number of the person to be contacted on matters involving this application Leslie Harmon (561) 393-7857	
6. EMPLOYER IDENTIFICATION NUMBER (EIN) 59-6000279		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 License Plate Recognition Implementation Project.	
12. AREAS AFFECTED BY PROJECT City of Boca Raton and surrounding Palm Beach County.			
13. PROPOSED PROJECT		14. CONGRESSIONAL DISTRICT(S) OF	
Start Date: 05/14/2012	Ending Date: 05/14/2015	a. Applicant FL22	b. Project FL22
15. ESTIMATED FUNDING		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$13,597	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	\$13,597	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 Leif Ahnell		b. Title City Manager	c. Telephone number (561) 393-7898
d. Signature of Authorized Representative			e. Date Signed

Previous Editions Not Usable

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

Abstract

Fixed License Plate Recognition System

The City of Boca Raton Police Services Department (BRPSD) is requesting funding for a fixed License Plate Recognition (LPR) system. The main function of the (LPR) system is to identify the status of vehicles parked, idling or traveling on roadways through license plate images captured on video. These images along with the associated data strings (i.e., time, date, and license plate number) are then encrypted and sent to a central processing computer that determines the ownership and standing of the vehicle. LPR systems use fixed and mobile video surveillance cameras to record license plate images of stationary or moving vehicles without any interaction between the driver of the vehicle and an officer. As vehicle license plates are captured by the camera they are processed through a data base, such as the National Crime Information Center (NCIC), the Florida Crime Information Center (FCIC) or other operator defined databases. If the processed data is of interest to the operator, i.e. a stolen vehicle, amber alert or silver alert, the operator will be alerted and can further investigate the vehicle or plan a course of action having this vital information.

The Project Identifiers will include;

- Criminal Intelligence Information Systems
- Data Sharing/Linkage
- Equipment – Video/Audio Recording
- Fusion Centers
- Communications

Review Narrative

Due to the timing of the grant application period the application for the Edward Byrne Memorial Justice Assistance Grant (JAG) Program FY 2012 Local Solicitation the application was not presented to the City Council. However, the City Manager has given permission for this application to be submitted and then ratified at next possible meeting if the application is approved.

The process is as follows: Available to the Council and public at the Council Workshop then available for public comment at the evening Council Meeting scheduled on the following day.

Program Narrative

The City of Boca Raton is located on the Gold Coast of southeast Florida, and is the second largest and southernmost city in Palm Beach County. Boca Raton encompasses 29.6 square miles with an annual population of 86,000. Due to the diversity of business, retail, and recreational venues, the City's estimated daytime population is approx. 250,000.

Boca Raton is home to two universities (Florida Atlantic University and Lynn University) and Palm Beach State College. In addition, Boca Raton has three major highway corridors that exit into Boca Raton, the most office space in Palm Beach County with 107 buildings, 11,169,630 sq feet of rentable space, a renowned Community Hospital and is home to the largest indoor mall in Palm Beach County. Boca Raton is known as a major vacation, resort and shopping destination.

The City of Boca Raton Police Services Department (BRPSD) is requesting funding for a fixed License Plate Recognition (LPR) system. The main function of the (LPR) system is to identify the status of vehicles parked, idling or traveling on roadways through license plate images captured on video. These images along with the associated data strings (i.e., time, date, and license plate number) are then encrypted and sent to a central processing computer that determines the ownership and standing of the vehicle. LPR systems use fixed and mobile video surveillance cameras to record license plate images of stationary or moving vehicles without any interaction between the driver of the vehicle and an officer. As vehicle license plates are captured by the camera they are processed through a data base, such as the National Crime Information Center (NCIC), the Florida Crime Information Center (FCIC) or other operator defined databases. If the processed data is of interest to the operator, i.e. a stolen vehicle, amber alert or silver alert, the operator will be alerted and can further investigate the vehicle or plan a course of action having this vital information.

Current law enforcement techniques used to locate wanted or stolen vehicles predominantly involves verbal communication between an officer and dispatch personnel, including the time it takes for the dispatcher to type, confirm and relay the plate information to the officer. LPR systems are far more efficient and effective than verbal communication, and can read and process hundreds of plates in a shorter amount of time than compared to traditional methods.

Additionally, a fixed LPR system will enable operators to "check" several hundred vehicles a day travelling in and out of an affected location, leading to the prevention of crime, an increase in the number of stolen vehicles recovered and the potential arrest of offenders.

Timeline

1 st Year	2 nd Year	3 rd Year	4 th Year
Research and identify a vendor to purchase LPR system.	- Purchase necessary equipment through the City's procurement process, install equipment and implement new system. - Train staff in appropriate use of LPR.	- Document number of stolen vehicles located by LPR. - Document the number of wanted vehicles located by LPR. - Document number of recovered vehicles by LPR.	After one year of documentation, evaluate program, implement any suggested changes and continue to monitor.

Performance Measures

Performance Measures	Data Grantee Reports
Amount of funds expended on equipment/supplies during reporting period.	BRPSD will document expenses for each quarter in a detailed report.
Number of contracts paid for with recovery funds.	BRPSD will report any contracted services acquired for project.
Number of technical assistance given during reporting period.	BRPSD will report how many times the LPR system was used to locate a stolen or "wanted" vehicle.
Expected change in procedures for staff.	BRPSD will report how staff was trained with LPR equipment and if any new procedures for staff were adopted.
Reports of improved efficiency.	BRPSD will report on data obtained from staff on efficiency of new equipment compared to tradition method of identifying stolen or "wanted" vehicles.

Budget & Budget Narrative

The following items will be purchased with grant funds:

- Camera - Dual lens camera (infrared and color) assembly with long hood. High resolution IR sensor that provides five foot width lane coverage.
- Fixed Camera Base.
- Video Software and Licensing
- Labor and Materials including on-site installation and on-site training.

Equipment/Item	Quantity	Total
Camera	1	\$2,984.80
Camera Base	1	\$1,682.20
Software and Licensing	For 1-8 cameras	\$8,789.71
Training	N/A	\$3,521
TOTAL PROJECT COSTS:		\$16,977.71
Federal Request		\$13,597.00
Applicant Funds		\$3,380.71

Budget Worksheet

BJA FY12 Recovery Act: Edward Byrne Justice Assistance Grant Program

The City of Boca Raton Police Services Department (BRPSD) is requesting funding for a fixed License Plate Recognition (LPR) system.

A. Personnel \$0.00

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B. Fringe Benefits \$0.00

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C. Travel \$0.00

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D. Equipment \$16,977.71

Camera	1	\$2,984.80	\$2,984.80
Camera Base	1	\$1,682.20	\$1,682.20
Software and Licensing	For 1-8 cameras	\$8,789.71	\$8,789.71
Training	N/A	\$3,521.00	\$3,521.00

G. Consultants/Contracts \$0.00

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Total Direct Costs \$16,977.71

Budget Summary Page

A. Personnel/Salary Costs	<u>\$0.00</u>
B. Fringe Benefits	<u>\$0.00</u>
C. Travel	<u>\$0.00</u>
D. Equipment	<u>\$13,456.71</u>
E. Supplies	<u>\$0.00</u>
F. Construction	Unallowable
G. Consultants/Contracts	<u>\$0.00</u>
H. Other	<u>\$3,521.00</u>
I. Indirect Costs	<u>\$0.00</u>
 TOTAL PROJECT COSTS	 <u>\$16,977.71</u>
 Federal Request	 <u>\$13,597.00</u>
 Applicant Funds, if any, to be applied to this project	 <u>\$3,380.71</u>

Budget Narrative:

A. Personnel

No personnel are authorized or anticipated.

B. Fringe Benefits

No fringe benefits are authorized or anticipated.

C. Travel

No travel is authorized or anticipated.

D. Equipment

The following items will be purchased with grant funds:

- Camera - Dual lens camera (infrared and color) assembly with long hood. High resolution IR sensor that provides five foot width lane coverage.
- Fixed Camera Base.
- Video Software and Licensing

E. Supplies

No supplies are authorized or anticipated..

F. Construction

No construction is authorized or anticipated.

G. Consultants/Contracts

No consultants are authorized or anticipated.

H. Other

I. The following items will be purchased with grant funds:

- Labor and Materials including on-site installation and on-site training.

J. Indirect Costs

No indirect costs are authorized or anticipated.