



Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

Grant

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1. RECIPIENT NAME AND ADDRESS (Including Zip Code) City of Boca Raton 201 West Palmetto Park Road Boca Raton, FL 33432-3799		4. AWARD NUMBER: 2012-DJ-BX-0340	
		5. PROJECT PERIOD: FROM 10/01/2011 TO 09/30/2013 BUDGET PERIOD: FROM 10/01/2011 TO 09/30/2013	
1A. GRANTEE IRS/VENDOR NO. 596000286		6. AWARD DATE 06/29/2012	7. ACTION Initial
		8. SUPPLEMENT NUMBER 00	
		9. PREVIOUS AWARD AMOUNT \$ 0	
3. PROJECT TITLE License Plate Recognition Implementation Project		10. AMOUNT OF THIS AWARD \$ 13,597	
		11. TOTAL AWARD \$ 13,597	
12. SPECIAL CONDITIONS THE ABOVE GRANT PROJECT IS APPROVED SUBJECT TO SUCH CONDITIONS OR LIMITATIONS AS ARE SET FORTH ON THE ATTACHED PAGE(S).			
13. STATUTORY AUTHORITY FOR GRANT This project is supported under FY12(BJA - JAG) 42 USC 3750, et seq.			
15. METHOD OF PAYMENT GPRS			
AGENCY APPROVAL		GRANTEE ACCEPTANCE	
16. TYPED NAME AND TITLE OF APPROVING OFFICIAL Denise O'Donnell Director		18. TYPED NAME AND TITLE OF AUTHORIZED GRANTEE OFFICIAL Daniel C. Alexander Chief of Police	
17. SIGNATURE OF APPROVING OFFICIAL 		19. SIGNATURE OF AUTHORIZED RECIPIENT OFFICIAL 	19A. DATE
AGENCY USE ONLY			
20. ACCOUNTING CLASSIFICATION CODES FISCAL FUND BUD. DIV. YEAR CODE ACT. OFC. REG. SUB. POMS AMOUNT X B DJ 80 00 00 13597		21. LDJUGT0140	

OJP FORM 4000/2 (REV. 5-87) PREVIOUS EDITIONS ARE OBSOLETE.

OJP FORM 4000/2 (REV. 4-88)

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.

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

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

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 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.



RESOLUTION

63-2012

1 A RESOLUTION OF THE CITY OF BOCA RATON
2 RATIFYING THE CITY'S APPLICATION FOR A GRANT
3 FROM THE U.S. DEPARTMENT OF JUSTICE FOR THE
4 EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE
5 GRANT (JAG) PROGRAM: FY 2012 LOCAL SOLICITATION;
6 AUTHORIZING THE CITY MANAGER TO ACCEPT SAID
7 GRANT, IF AWARDED; AUTHORIZING AND DIRECTING
8 THE CITY MANAGER TO COMPLY WITH THE TERMS AND
9 CONDITIONS OF SAID GRANT, IF AWARDED; PROVIDING
10 FOR SEVERABILITY; PROVIDING FOR REPEALER;
11 PROVIDING AN EFFECTIVE DATE
12

13 WHEREAS, the City desires the City Council to ratify the City's application for a grant
14 from the U. S. Department of Justice for the Edward Byrne Memorial Justice Assistance Grant
15 (JAG) Program: 2012 Local Solicitation, to authorize the City Manager to accept said grant, if
16 awarded, and to authorize and direct the City Manager to comply with the terms and conditions
17 of said grant, if awarded; now therefore
18

1 BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF BOCA
2 RATON:

3
4 Section 1. That the application for a grant from the U. S. Department of Justice
5 Edward Byrne Memorial (JAG) Program: FY 2012 Local Solicitation is ratified, subject to the
6 terms and conditions of said grant as set forth in the grant application documents attached
7 hereto as Exhibit "A".

8 Section 2. That the City Manager is hereby authorized to accept said grant, if
9 awarded and to execute such documents as are necessary to evidence such acceptance;
10 provided, however, the City Manager shall have the discretion to refuse the grant in those
11 circumstances where he determines it is in the best interests of the City to do so in which case
12 he shall advise the City Council of his intention to refuse the grant.

13 Section 3. That the City Manager is hereby authorized and directed to comply with
14 the terms and conditions of said grant, if awarded.

15 Section 4. If any section, subsection, clause or provision of this resolution is held
16 invalid, the remainder shall not be affected by such invalidity.

17 Section 5. All resolutions or parts of resolutions in conflict herewith shall be and
18 hereby are repealed.

19 Section 6. This resolution shall take effect immediately upon adoption.
20
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1 PASSED AND ADOPTED by the City Council of the City of Boca Raton this 12th day
2 of June, 2012.
3

4 CITY OF BOCA RATON, FLORIDA

5
6 ATTEST:

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8
9 Susan S. Saxton
10 Susan S. Saxton, City Clerk
11

Susan Wheelchel
Susan Wheelchel, Mayor

12
13
14
15
16
17 [Signature]

COUNCIL VOTE			
	YES	NO	ABSTAINED
MAYOR SUSAN WHELCHER	✓	✓	
DEPUTY MAYOR SUSAN HAYNIE	✓	✓	
COUNCIL MEMBER ANTHONY MAJHESS	✓	✓	
COUNCIL MEMBER MICHAEL MULLAUGH	✓	✓	
COUNCIL MEMBER CONSTANCE J. SCOTT	✓	✓	