

APPLICATION FOR

		2. DATE SUBMITTED 07/08/2009	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 Henry County		Organizational Unit Henry County Police Department	
Address (city, state, and zip code) 108 S. Zack Hinton Parkway McDonough, Georgia 30253-3430		Name and telephone number of the person to be contacted on matters involving this application Kimberly Monast (770) 288-8133	
6. EMPLOYER IDENTIFICATION NUMBER (EIN) 58-6000842		7. TYPE OF APPLICANT County	
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 "Plate Recognition In Criminal Enforcement" or "PRICE"	
12. AREAS AFFECTED BY PROJECT Henry County			
13. PROPOSED PROJECT		14. CONGRESSIONAL DISTRICT(S) OF	
Start Date: 10/01/2009	Ending Date: 09/30/2013	a. Applicant GA03	b. Project GA03,GA13
15. ESTIMATED FUNDING		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$23,399	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	\$23,399	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 Keith Nichols		b. Title Chief of Police	c. Telephone number (770) 288-8204
d. Signature of Authorized Representative		e. Date Signed	

Previous Editions Not Usable

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

Program Narrative (Attachment 1)

The Henry County Police Department project entitled "Plate Recognition in Criminal Enforcement" or "PRICE" is applying for a grant of \$23,399.00 under the Edward Byrne Memorial Justice Assistance Grant (JAG) Formula Program: Local Solicitation, CFDA 16.738.

A highly visible, but often overlooked factor in the enforcement of stolen vehicles, wanted persons, and gang and drug crimes can be found in the letters and numbers on the perpetrators' license plates. License Plate Recognition Systems (LPRS) are an offensive strategic tool in the identification, apprehension, and prosecution of motor vehicle related crime. Reported stolen vehicles in Henry County saw a 12% increase from 2007 to 2008, but recovery of stolen vehicles suffered a 1% decrease in the same time frame. Our current outdated methods of stolen vehicle recovery are far-outpaced by the proliferation of the crime. Suspects wanted for property and persons crimes are getting away in not just stolen vehicles, but in the vehicles of known associates. Violent felonies (26% increase in robberies and 19.8% increase in aggravated assaults) and subsequent arrests of known gang members by the Criminal Apprehension and Gang Enforcement Unit (CAGE) showed marked increases between the 6-month periods of January -June 2008 and July-December 2008. Perpetrators escaping in stolen vehicles add another layer to the identification process by eluding apprehension and shifting the focus of the investigation back to search and seizure versus arrest and prosecution.

In addition to stolen vehicle concerns, Amber Alerts for Georgia doubled between 2005 and 2006, and held steady in 2007, accounting for 7% of total alerts issued by the National Center for Missing and Exploited Children. Suspects of individual state alerts are frequent highway travelers, prompting regional alerts that affect hundreds of jurisdictions. The main thoroughfare connecting the eastern United States from Florida to Michigan is Interstate-75, of which 7

interchanges are located in Henry County, Georgia. Florida and Michigan account for 18% of issued Amber Alerts, bringing the cumulative total to 25%, or fully one-quarter of all issued alerts. How many or how much sooner might these children have been rescued had the Henry County Traffic Unit been able to employ a license plate recognition system on the Interstate choice of travel?

Because criminals are using advanced technologies to commit crimes, the Henry County Police Department must maintain a technological edge to defeat them. A license plate recognition system will greatly expand police abilities to identify and apprehend suspects, protect property and persons, and send the message that when a vehicle is involved in a crime, you can run, but you can't hide. In order to keep criminals in check under the best of circumstances, the agency must be vigilant in its mission to serve and protect the public from all types of crimes. Investigations of property crimes, drug crimes, wanted persons, and crimes against children can benefit immensely from a license plate recognition system. Using image-processing technology, officers can impose mass surveillance in parking lots, along the roadside, or in traffic up to 100 mph to identify vehicle tags via optical character recognition. Because LPRSs use infra-red technology, they can be employed in both daylight and overnight. Unlike other image captures rendered useless due to environmental variables, the sensors on LPRSs are not compromised by external factors like weather, temperature, movement, etc.

The Henry County Police Department's capabilities and competencies to effectively employ a license plate recognition system can be seen through the operational efforts and amassed talents of its personnel. Using a multi-disciplinary approach involving Uniform Patrol's onsite

operations of the LPRS, Criminal Investigation's resulting inquiry into the circumstances and prior histories of the collected information, and Crime Analysis' examination of the data for tracking and trends, successful motor vehicle theft and crime enforcement strategies can be realized.

Sergeant Randy Lee is assigned to the Traffic Unit of Uniform Patrol in charge of five investigators. He has over 400 hours of training related to traffic investigation, and is a certified Academy instructor. Sgt. Lee's unit responds to serious injury and fatality crashes as well as investigates all hit and run accidents that occur in Henry County. Stolen vehicles are involved in both collisions of known vehicles and hit and run accidents where the suspect vehicle leaves the scene. Traffic investigators are frequently out on patrol, at shopping centers and businesses following up on hit and runs and conducting interviews. This is an ideal environment to utilize a license plate recognition system, supplementing "walk-and-talk" physical investigations. Another deployment for the LPRS is in and around large numbers of parked vehicles in retail establishments and office parks by day, and apartment complexes by night. This detail will be handled by the Uniform Patrol Division at large on a shift rotational basis for saturated surveillance that keeps the system on the road 24 hours per day.

The LPRS supplies self-contained web-based back office software that provides "hot-list" management and National (NCIC)/ and Georgia Crime information Center (GCIC)-ready capability. Detective Michael Hardy of the Criminal Investigations Division will provide the expertise necessary to determine case status for raw data and preliminary investigations pursuant to arrest originating with the license plate recognition system. A 27-year policing veteran, Det.

Hardy has spent the last 4 ½ years dedicated to motor vehicle theft and enforcement. His caseload numbers +/-100 concurrent open investigations at any given time. He has attended numerous seminars devoted to motor vehicle theft and retains agency membership in the National Insurance Crime Bureau (NICB) and Southeastern Transportation Security Council (SETSC).

The LPRS also supplies advanced search and mapping capabilities, full statistical reporting and analysis, and unlimited search and auditing. Analyst Rich Lemmon is the senior member of the Crime Analysis Unit with over 10 years experience in police crime analysis, and 28 years in military intelligence. His ability to link agency databases to auxiliary systems will be used to extract raw data gleaned from the LPRS. He will be able to accurately predict stolen vehicle patterns by use of the search and mapping software and massage it into usable trends for analysis that will guide future operational initiatives. This proactive approach will provide investigators and arresting officers with a plotted blueprint of actual local data to identify and retrieve stolen vehicles and apprehend suspects.

Goals and Objectives of the “PRICE” initiative, with meaningful and measurable outcomes are

- **Goal #1** **Use of the LPRS will increase motor vehicle theft recovery**

Objective #1 *The LPRS will increase the identification capabilities of stolen vehicles.*

Activity #1 *Officers of the Uniform Patrol Division will deploy the LPRS in areas of the county expected or determined to house numerous stolen vehicles.*

Evaluation #1 *Officers will conduct interviews of drivers of suspect vehicles to determine culpability or knowledge of perpetrator. As appropriate, arrests will be executed. As determined and administered by the courts, motor vehicles will be returned to their owners.*

Timeline #1 The Uniform Patrol Division will commence the above activity immediately upon completion of training on the system, and report through evaluation on a semi-annual basis throughout the life of the grant.

- **Goal #2 Use of the LPRS will increase apprehension/enforcement of existing suspect violations (i.e. wanted persons identification)**

Objective #2 Uniform Patrol will increase arrests of wanted persons and parole violators, and detain persons sought for questioning.

Activity #2 Uniform Patrol will perform 24-hour LPRS sweeps on a shift rotational basis, interview and/or arrest suspects, and report findings to shift commander.

Evaluation #2 Uniform Patrol supervisors will review shift logs, arrest reports, interviews, and CAD submissions and refer them to the Criminal Investigations Division for further case designation.

Timeline #2 The Uniform Patrol Division will commence the above activity immediately upon completion of training on the system, and report through evaluation on a semi-annual basis throughout the life of the grant

- **Goal #3 Use of the LPRS will increase identification of vehicles used in the commission of a crime (i.e. get-away cars)**

Objective #3 Uniform Patrol will increase apprehension of persons wanted for gang and drug crimes who use a vehicle in the crime(s).

Activity #3 Uniform Patrol will perform 24-hour LPRS sweeps on a shift rotational basis, interview and/or arrest suspects, and report findings to shift commander.

Evaluation #3 Uniform Patrol supervisors will review shift logs, arrest reports, interviews, and CAD submissions and refer them to the Criminal Investigations Division for further case designation.

Timeline #3 The Criminal Investigation Division will commence review and case assignment of the above activity immediately upon receipt of data from Uniform Patrol's daily operations, and report through evaluation on a semi-annual basis throughout the life of the grant

- **Goal #4 Use of the LPRS will increase successful Amber Alert recognitions and enforcement on vehicles used in the illegal transport of children**

Objective #4 Uniform Patrol will seek to identify perpetrators of Amber Alerts who use a motor vehicle on county roadways.

Activity #4 Uniform Patrol will apprehend perpetrators, or detain suspects for questioning, of Amber Alerts who use a motor vehicle on county roadways.

Evaluation #4 Uniform Patrol will keep a record of Amber Alerts issued for the county area, subsequent efforts to identify perpetrator vehicles, and results of those efforts.

Timeline #4 The Uniform Patrol Division will commence the above activity immediately upon completion of training on the system, and report through evaluation on a semi-annual basis throughout the life of the grant

- **Goal #5 Use of the LPRS will provide data for trend analysis regarding stolen vehicles**

Objective #5 The Crime Analysis Unit will receive raw data from the LPRS to determine motor vehicle theft and other trends as indicated.

Activity #5 The Crime Analysis Unit will link analysis from the LPRS to existing Crimes and CAD via mapping and advanced search options, as well as extract information for research and review. This data will be interposed with investigative results of individual cases from Criminal Investigations.

Evaluation #5 The Crime Analysis Unit will be able to determine positional and/or regional motor vehicle theft statistics based on a compilation of sources and advise Uniform Patrol and Criminal Investigations the who, what, when, where, and how of motor vehicle theft and related crimes for strategic planning.

Timeline #5 The Crime Analysis Unit will commence the above activity immediately upon receipt of the raw data from the system, and report trend activity through evaluation on a semi-annual basis throughout the life of the grant. Full trend analysis will occur approximately one year into program for comparable local data.

This program will benefit the collaborative efforts of local law enforcement entities and community partners as a shared resource because it is not restricted to the unincorporated areas of the county. The Henry County Police Department has legal jurisdiction over the entire county, and intends to share intelligence, strategies, and enforcement results with the resident municipalities---the cities of Hampton, Locust Grove, and McDonough, and the Sheriff's Office, as well as information pursuant to arrest for retail and residential businesses who are experiencing a high rate of motor vehicle theft.

In addition to the evaluations of stated goals, the performance measures established by the organization to assess the success of grant objectives are those that meet or exceed current agency outcome indicators to determine effectiveness. Among those performance measures to be used are increases in the arrest rates of perpetrators of stolen vehicles, increases in the arrest rates of suspects involved in gang or drug activity using a vehicle in the commission of the crime, and leads on or recovery of abducted children issued Amber Alerts by the National Center for Missing and Exploited Children.

Cost savings will be realized in the efficiency ratio by which stolen vehicles are identified, located, and a plan of action regarding the violation is pursued. Hundreds of hours of manpower, previously used to “be on the lookout” (BOLO) for certain makes/models/and colors of vehicles, will be more efficiently employed in the arrest and prosecution phases of the investigation instead of wasted on the recognition phase. This proactive means of enforcement will provide a necessary operational tool to combat motor vehicle theft and related violations which are currently underfunded and often overlooked components of more acute crimes.

**2009 Edward Byrne Memorial Justice Assistance Grant (JAG) Formula Program: Local Solicitation
Office of Justice Programs/U.S. Department of Justice--- "Plate Recognition In Criminal Enforcement" or "PRICE"**

Reference DW061809GA	CFDA NO. 16.738	DEADLINE 7-9-2009	DATE SUBMITTED 7-8-2009	Governing Body Review --- Application provided to BOC for review on 7-8-2009
Federal ID No. 58- 6000842	APPLICANT (Agency/ Department) Henry County Police Department	COUNTY/STATE Henry/Georgia	DUNS NUMBER 057047581	INTRA-AGENCY DIVISION Uniform Patrol Division
ADDRESS 108 S. Zack Hinton Parkway McDonough, Georgia 30253		CONTACT NAME Kimberly Monast or Major Danny Butler		CONTACT PHONE / ALTERNATE NO. 770-288-8133 or 770-288-8211

SUMMARY OF BUDGET NEEDS: Funding to purchase image processing technology used to identify vehicles by their license plates for stolen vehicle recovery and criminal enforcement.

CATEGORIES: A-Personnel B-Fringe Benefits C-Travel D-Equipment E-Supplies F-Construction G-Consultants/Contracts H-Other costs

COST ESTIMATE

INDEX	CATEGORY	DESCRIPTION	DURATION or MANUFACTURER	REQUESTED QUANTITY	COST EACH	TOTAL COST
	A	NO COSTS INCURRED IN THIS CATEGORY				
	B	NO COSTS INCURRED IN THIS CATEGORY				
	C	NO COSTS INCURRED IN THIS CATEGORY				
	D	EQUIPMENT				
VP-IC3	D	Veriplate 2 camera POD (4 cameras) in-vehicle ALPR System Includes 2 dual IR/Color Camera pods, custom cables, VP-250 ALPR processor w/ plate recognition and database modules. Veriplate Pro client software for existing laptop Mapping, full search, alert. Ethernet cable, GPS receiver, Light Bar camera mount- ing unit with mounting brackets	Veriplate	1	\$17,500.00	\$17,500.00
VISCE	D	VISCE Web-based (back office software) Complete with advanced search and mapping capability, full statistical reporting & analysis, unlimited search and auditing, Hot-list management. NCIC/State CAD ready (automated download of NCIC hot-list every 3 hours)	Veriplate	1	\$3,000.00	\$3,000.00
V-Pred	D	Veriplate "PREDATOR" upgrade pack Includes in-vehicle CAD integration module (any CAD system). Single click live check on any plate to State and NCIC in real time. V-Gate communications gateway software with push/pull messaging technology, advanced mapping/ location applications and hot list synchronization.	Veriplate	1	\$1,000.00	\$1,000.00
	E	NO COSTS INCURRED IN THIS CATEGORY				
	F	NO COSTS INCURRED IN THIS CATEGORY				
	G	NO COSTS INCURRED IN THIS CATEGORY				
	H	OTHER				
		Installation and User Training	NDI Technologies	1	\$1,250.00	\$1,250.00
		Remote Systems Support (fix or replace) 1 year	NDI Technologies	1	\$649.00	\$649.00
PAGE 1					Grand Total	\$23,399.00

Budget and Budget Narrative (Attachment 2)

Applicants must submit a budget and budget narrative outlining how JAG funds, including administrative funds if applicable, will be used to support and implement the program. A sample budget form may be found at www.ojp.usdoj.gov/funding/forms/budget_detail.pdf. Applicants may submit the budget and budget narrative in a different format (I.e. Excel spreadsheet), but it must contain all categories listed within the budget detail worksheet.

HCPD 2009 "Plate Recognition In Criminal Enforcement" (PRICE)

Budget Narrative

A. Personnel

There are no personnel requests.

B. Fringe Benefits

There are no fringe benefits requests.

C. Travel

There are no travel requests.

D. Equipment

A request is made to fund the equipment for a license plate recognition system that will employ a number of important law enforcement applications:

1. Recovery of stolen vehicles
2. Enforcement of existing suspect violations (i.e. wanted persons identification)
3. Identification of Vehicles used in the commission of a crime (i.e. get-away cars)
4. Amber Alert- Recognition of vehicles used to illegally transport children
5. Learned trend analysis techniques that can be linked to existing agency databases

E. Supplies

There are no supplies requests.

F. Construction

There are no construction requests.

G. Consultants/Contracts

There are no consultants/contracts requests.

H. Other Costs

Costs associated with the requested license plate recognition system (category E) will include:

1. Installation and user training
2. Remote Systems Support for the duration of one year

I. Indirect Costs

There are no indirect cost requests.

Review Narrative (Attachment 3)

This Review Narrative is for the Henry County Police Department's project entitled "Plate Recognition In Criminal Enforcement" or "PRICE" application grant of \$23,399.00 under the Edward Byrne Memorial Justice Assistance Grant (JAG) Formula Program: Local Solicitation, CFDA 16.738.

A copy of this application was made available for review to the Henry County Board of Commissioners on July 8, 2009, per solicitation requirement. Governing Body Review will be satisfied prior to request for established Commission procedure for acceptance of grant award funding, which includes official Executive Summary and Resolution. Once notified by BJA of the award, the HCPD Research & Development Unit will request placement on next available official BOC meeting agenda for immediate approval. The Henry County BOC meets twice-monthly.

From: Dobrzanska, Ania [mailto:Ania.Dobrzanska@usdoj.gov]
Sent: Friday, May 29, 2009 3:16 PM
To: Kimberly Monast
Subject: RE: JAG local solicitation (regular, not Recovery Act)
Kimberly,

Upon submission of your application, please submit a notification (attachment) stating when the Governing Body Review will be met/ when the meeting will take place.

From: Dobrzanska, Ania [mailto:Ania.Dobrzanska@usdoj.gov]
Sent: Friday, May 29, 2009 2:45 PM
To: Kimberly Monast
Cc: Garry, Eileen; Danny Butler
Subject: RE: JAG local solicitation (regular, not Recovery Act)
Kimberly,

Please submit your application by established deadline of July 9.

Governing body *approval* is not required in order to submit the application to BJA. Submit your application via GMS no later than the application deadline, regardless of whether the local review process is complete. If the application is not complete, or you do not meet the 30-day governing body review requirement, BJA will add a special condition to the award that will withhold grant funds until you submit documentation confirming the requirement has been met.

If Governing Body approval has been granted, please provide the date of approval rather than the date of notification in the review narrative. The 30 day notification requirement will have been satisfied at the time of approval.

A press release regarding this application with an invitation to comment was also made available to the public on July 2, 2009 via the Henry County Police Department website, the Henry County Board of Commissioners website, the Henry Daily Herald, and the Henry County Times. It included a directive to contact Kimberly Monast, Research & Development Specialist at 770-288-8133 to review and comment on a full written copy of the request for proposal following the July 8 release to the Board of Commissioners.

This application is not part of a disparate jurisdiction.

Abstract (Attachment 4)

The Henry County Police Department project entitled "Plate Recognition for Criminal Enforcement" or "PRICE" is applying for a grant of \$23,399.00 under the Edward Byrne Memorial Justice Assistance Grant (JAG) Formula Program: Local Solicitation, CFDA 16.738. Under this award, a license plate recognition system (LPRS) will be purchased and immediately set in service to combat motor vehicle theft and related crimes.

The Department seeks to enhance the agency's ability to recover stolen vehicles; enforce existing violations of suspects via vehicle registrations; track known perpetrators as they transport illegal substances or use the vehicles in the commissions of other crimes; and trace and identify vehicles involved in Amber Alerts.

The goals of this project are to increase motor vehicle theft recovery; increase apprehension/enforcement of existing suspect violations; increase identification of vehicles used in the commission of a crime and the successful apprehension of perpetrators; increase Amber Alert recognitions and enforcement on vehicles used in the illegal transport of children; and to provide data for trend analysis regarding stolen vehicles.

The strategies to be used to facilitate these goals include 24-hour saturation of "hot-spots" in Henry County, identified in existing data as areas where vehicles are frequently stolen; shift assignment to fluctuate among trained Uniform Patrol officers in order to maintain fresh focus over time; a dedicated Criminal Investigator to concentrate on motor vehicle thefts and recovery; and link analysis between the LPRS software capabilities and current Henry County Police Department Crimes and CAD. There is an expected high level of coordination with county municipal agencies and the Sheriff's Office.

Using image-processing technology, officers can impose a mass surveillance in parking lots, along the roadside, or in traffic up to 100 mph to identify vehicle tags via optical character recognition. Because LPRSs use infra-red technology, they are can be employed in both daylight and overnight. Additionally, the sensors on LPRSs are not compromised by external factors like weather, temperature, movement, etc. that might render other captured images useless.

Because criminals are using advanced technologies to commit crimes, the Henry County Police Department must maintain a technological edge to defeat them. A license place recognition system will greatly expand police abilities to identify and apprehend suspects, protect property and persons, and send the message that when a vehicle is involved in a crime, you can run, but you can't hide.

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