

APPLICATION FOR

1. TYPE OF SUBMISSION Application Non-Construction		2. DATE SUBMITTED 07/02/2009	APPLICATION IDENTIFIER	
		3. DATE RECEIVED BY STATE	STATE APPLICATION IDENTIFIER	
		4. DATE RECEIVED BY FEDERAL AGENCY	FEDERAL IDENTIFIER	
5. APPLICANT INFORMATION				
Legal Name County of Cumberland		Organizational Unit Cumberland County Sheriffs Office		
Address (city, state, and zip code) 117 Dick Street Fayetteville, North Carolina 28301-5750		Name and telephone number of the person to be contacted on matters involving this application Howard Lloyd (910) 677-5551		
6. EMPLOYER IDENTIFICATION NUMBER (EIN) 56-6000291		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 Support to Interoperable Communications for County law enforcement and Crime Reduction Initiatives for City		
12. AREAS AFFECTED BY PROJECT County of Cumberland and City of Fayetteville				
13. PROPOSED PROJECT		14. CONGRESSIONAL DISTRICT(S) OF		
Start Date: 10/01/2009	Ending Date: 09/30/2013	a. Applicant NC02	b. Project NC02,NC07,NC08	
15. ESTIMATED FUNDING		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?		
a. Federal	\$253,585	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	\$253,585	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 James Martin		b. Title County Manager		c. Telephone number (910) 678-7723
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**Byrne Justice Assistance Grant 2009**

The Cumberland County Sheriff's Office and the City of Fayetteville Police Department are Certified Disparate Jurisdictions for this Grant. Fund allocation as computed by the US Department of Justice based on crime statistics and population:

A.	Cumberland County	\$ 81,284	
B.	City of Fayetteville	\$172,301	
	Total		\$253,585

The planned uses of the funds are consistent with the improvement and efficiency of law enforcement programs in Cumberland County.

The County Finance Office will separately track expenses and drawdown of funds as the program activities are carried out.

A. County of Cumberland Programs using Byrne Funds**Program Area 1**

During the 1994 Special Crime Session, the North Carolina General Assembly created the Criminal Justice Information Network (CJIN) Committee to accomplish specific objectives regarding a plan for a statewide criminal justice information network. The legislation was enacted based on recognition of the need to further coordination and cooperation between state and local agencies in establishing standards for sharing criminal justice information. In November 1994, the CJIN Committee selected Price Waterhouse to assist them in fulfilling their mandate. The study which focused on developing recommendations to promote the sharing of criminal justice information in a final report delivered in April 1995.

A major recommendation of the final report is to "establish standards for, and implement a mobile voice and data communication network that allows state and local law enforcement and public safety agencies to communicate with each other, regardless of location in the state." (Price Waterhouse Final Report, page ES-6)

The Cumberland County Sheriff's Office has made great strides in acquiring technology to be an active participant in the CJIN project. In December 1997, the Sheriff's Office began leasing modems and laptop computers for Deputy's cars as Mobile Data Terminals (MDT) for data access and communications. We are on our second set of laptop computers, but are continuing to use the original modems. Technology has changed significantly and modem repair costs are increasing. We have learned from the manufacturer that modems will no longer be manufactured and repair parts are limited. In addition, the amount of data Deputies are trying to access is overloading the bandwidth on the circuits, causing delays and interrupted service.

The Sheriff's Office intends to use its Byrne Grant Funds to offset the cost of the connection to the FBI and SBI databases, for both in-office computer terminals and MDTs in Deputy's cars.

With the rise in resources available on the internet and increasingly capable cell phone technology, the Sheriff's Office intends to migrate to aircards to connect the MDTs to the SBI and FBI databases.

Interoperable voice communications are vital and the Sheriff's Office will use a portion of the funds for the hand-held and vehicular radios operated on the 800 Megahertz radio repeater system operated by the City of Fayetteville and for the Sheriff's Office transition to the NC state-wide VIPER radio system.

B. City of Fayetteville Programs Using Byrne Funds

The Fayetteville Police Department has a number of highly trained specialized units. Our 2009 JAG allocation will be used for supplies and equipment to support these units in an effort to increase officer safety and improve the effectiveness and efficiency of our department as a whole.

Program Area 1

The department will use \$5,400 to host Gang Resistance Education and Training (G.R.E.A.T.) Summer Programs for the next three years (summer 2010, 2011, and 2012). Funding will be used for camp supplies at \$1,800 a year. G.R.E.A.T. is a program designed to be taught by law enforcement officers to children in elementary school, in an attempt to build positive relationships between the students, law enforcement and the community. The program focuses on topics such as peer pressure, bullying, drug usage, and community pride. The goal of the program is to help children avoid using delinquent and violent behavior to solve problems. A certified officer will teach G.R.E.A.T. in partnership with the Parks and Recreation Centers in the City.

Program Area 2

The FPD has implemented bicycle patrols in areas where crime trends have been recognized. Having officers patrol on bicycles increases officers' ability to interact with the residents in the neighborhood. Officers will more frequently stop and speak with residents and residents may feel more comfortable approaching the officers. It is anticipated this will increase the flow of information between the officers and the residents about crime trends in their neighborhoods, crime prevention tips, and information leading to the prosecution of criminal offenders. The department will use \$5,950 towards the purchase of seven (7) additional bicycles and helmets for the FPD Bicycle Program.

Program Area 3

The department will use \$16,000 towards equipment for the Forensic Unit that will enhance the ability of the Forensic Technicians to locate, photograph and collect physical evidence that has otherwise been un-detectable and un-obtainable in the past. Equipment will include a SP 7F Automobile Scissor lift, a 3-Hammerhead Forensic Alternate Light Source, goggles, camera filters, tripods, 3D Magnesium Heads, Heavy Duty Flexible Arms, Replacement Super Clamps and 2 Magic Arms with Camera Plate.

Program Area 4

Automatic license plate recognition systems are emerging as a valuable tool for law enforcement. Technology now exists that allows the system to identify and help find stolen vehicles, locate vehicles flagged for Amber Alert, and even to create a list of potential witnesses and suspects that were in a particular area when a crime occurred. The system continuously takes photographs and analyzes them for the presence of license plates.

In 2004, the FBI built an interface through NCIC that agencies can use to locate stolen vehicles, stolen plates, and wanted individuals through the use of automatic license plate recognition systems. The system allows the reader to run thousands of plates. One obvious use for this system is to combat auto theft. In 2008 Fayetteville had 898 motor vehicle thefts. With this equipment the department could deploy units on bridges or overpasses, or mount them near the light bar on patrol vehicles, and use them to automatically query license plates against the NCIC database for stolen vehicles and tags. Automatic license plate recognition generates more hits, more quickly, than any group of officers could through observation. This logically leads to high recovery rates and suppression of motor vehicle thefts, faster location of endangered children under Amber Alert, and quicker identification of wanted suspect vehicle locations. The system enhances information sharing between agencies, records data for use in prosecution and increases public safety. The department acquired one recognition system with 2008 JAG funds and will use \$27,500 to purchase an additional recognition system.

Program Area 5

The department will use \$22,219 to purchase a Rescue One Police Dive Boat and essential dive equipment used by members of the FPD Dive Team to assist with search and rescue operations and to aid in evidence recovery in local waterways, while meeting OSHA standards. The FPD Dive Team currently must partner with either City Fire and Rescue or the Cumberland County Sheriff's Office to do any boat based dive operations. Equipment will include one (1) underwater metal detector, one (1) side scan sonar system, two (2) guardian masks with communication kits and one (1) vehicle recovery system.

Program Area 6

The department will use \$12,000 to purchase four (4) LIDAR Units. Each district will receive two units with this acquisition. LIDAR Units allow officers to conduct speed enforcement on roadways otherwise unsafe to do so with RADAR. The LIDAR unit pinpoints violators in dense traffic with multiple lanes. Officers will be able to "clock" vehicles at a long distance and then have the necessary time to merge into traffic to make the traffic stop.

Program Area 7

The department will use \$29,414 to purchase eleven (11) additional Golden Eagle II Radar Units. These RADAR units have a dual antenna feature which makes for a much safer environment for the officer to conduct RADAR enforcement. Officers will be able to clock vehicles with the rear antenna while in traffic and not have to make unsafe U-turns to apprehend the violators. It is the goal of the department to have all officers equipped with their own RADAR unit.

Program Area 8

The department will use \$12,243 to purchase three (3) Larue Modern semi-automatic sniper rifles to replace aging bolt action rifles. Semi-automatic sniper rifles have come a long way in the last couple years. The Larue rifle can achieve shot groups as good as a traditional manual bolt operated rifle, but with reduced recoil and automatic reloading, which is much faster if follow up shots are required. The new rifles will be more compact and easier to manipulate during urban operations and will increase the effectiveness of the Emergency Response Team.

Program Area 9

The department will use \$28,860 to purchase four (4) AN/PVS 24 Night Vision Scopes for the Emergency Response Team Sniper Operations. The scopes are designed to attach to the front of a standard rifle scope, enabling night vision capability. The AN/PVS 24 attaches without changing the zero of the rifle and preserving daytime accuracy during night time operations. The AN/PVS 24 does not have to be dedicated to one particular rifle and can be exchanged between snipers with different rifles and even on assault rifles for use during tactical operations. This scope will greatly increase the effectiveness of the Emergency Response Team allowing snipers to provide better information and intelligence to the command post and other team members. Additionally, the scope will improve accuracy and target recognition during deadly force encounters. The department currently does not have night vision capability for the entire sniper team.

Program Area 10

The department will use \$3,715 to purchase a Covert Cell phone transmitter. This piece of equipment allows undercover operations to be audibly monitored by a safety/security team, which is crucial to officer safety. The transmitter is disguised as a cell phone, which allows the undercover officer to openly display it without raising the level of suspicion.

Program Area 11

The department is in the process of purchasing ten (10) Centurion Scout Systems. These systems transmit location-specific pre-set voice messages that can be activated by manual or automatic triggers. These systems send a recorded message over the communications radio system immediately notifying officers that a break-in/burglary or robbery is in progress and the location at which it is occurring. These systems can reduce response time to these types of crimes and increase the success rate for identifying and apprehending offenders before they have time to leave the scene. The department will use \$9,000 to purchase one additional Scout System.

2009 JAG Budget Detail Worksheet

A. Personnel	Name/Position	Computation	Cost
		Subtotal	\$ -
B. Benefits	Name/Position	Computation	Cost
		Subtotal	\$ -
C. Travel	Purpose of Travel	Location	Cost
		Total	\$ -
D. Equipment	Item	Computation	Cost
1	Police Bicycles with helmets	\$850 x 7 units	\$ 5,950
2	SP 7F Automobile Scissor Lift	\$5,596 x 1 unit	\$ 5,596
3	Hammerhead Forensic Alternate light source	\$1,750 x 3 units	\$ 5,250
4	Orange Goggles	\$15 x 16 units	\$ 240
5	Red Goggles	\$15 x 16 units	\$ 240
6	Yellow Goggles	\$15 x 16 units	\$ 240
7	Blue 47 camera filter	\$60 x 7 units	\$ 420
8	Green PRO Camera filter	\$22 x 7 units	\$ 154
9	Red PRO Camera filters	\$22 x 7 units	\$ 154
10	Bogen 190xProb Tripod	\$194 x 8 units	\$ 1,552
11	Bogen 3D Magnesium Head	\$105 x 8 units	\$ 840
12	Bogen Heavy Duty Flexible Arm	\$99 X 8 units	\$ 792
13	Bogen Replacement Super Clamp	\$33 x 4 units	\$ 132
14	Bogen Magic Arm with Camera Plate	\$195 x 2 units	\$ 390
15	License Plate Recognition System	\$27,500 x 1	\$ 27,500
16	Rescue One Police Dive Boat	\$13,000 x 1 unit	\$ 13,000

2009 JAG Budget Detail Worksheet

17	Underwater metal detector	\$1,200 x 1 unit	\$ 1,200
18	Side scan sonar system	\$3,800 x 1 unit	\$ 3,800
19	Guardian Masks with communication kits	\$1,200 x t units	\$ 2,400
20	Vehicle Recovery System	\$1,819 x 1 unit	\$ 1,819
21	LIDAR Units	\$3,000 x 4 units	\$ 12,000
22	Gold Eagle II Radar Units	\$2,674 x 11 units	\$ 29,414
23	Larue Modern Semi-Automatic sniper rifles	\$4,081 x 3 units	\$ 12,243
24	AN/PVS 24 Night Vision Scope	\$7,215 x 4 units	\$ 28,860
25	Covert Cell Phone Transmitter	\$3,715 x 1 unit	\$ 3,715
26	Centurion Scout System	\$9,000 x 1 unit	\$ 9,000
Total			\$ 166,901

2009 JAG Budget Detail Worksheet

E. Supplies	Supply Item	Computation	Cost
1	Supplies for G.R.E.A.T Summer Programs	1800 x 3 years	\$ 5,400
Total			\$ 5,400

F. Construction	Purpose	Description of Work	Cost
			\$ -
G. Consultants / Contracts	Name of Consultant	Service Provided	Cost
			\$ -
H. Other Costs	Description	Computation	Cost
1	Voice radio 800 Mhz service	\$120/year x 400	\$ 48,000
2	DCI Terminal Desk	\$300/yr x 35	\$ 10,500
3	DCI Mobile Data terminals	\$144/yr x 100	\$ 14,400
4	Aircard service for MDT	\$599/yr x 14	\$ 8,384
Total			\$ 81,284
I. Indirect Costs	Description	Computation	Cost
	None		\$ -

BUDGET SUMMARY

Personnel	\$ -
Fringe Benefits	\$ -
Travel	\$ -
Equipment	\$ 166,901
Supplies	\$ 5,400
Construction	\$ -
Consultants/Contracts	\$ -
Other	\$ 81,284
Total Direct Costs	\$ 253,585
Indirect Costs	\$ -
TOTAL PROJECT COSTS	\$ 253,585

Byrne Justice Assistance Grant 2009

GMS Applic 2009-G9716-NC-DJ

Cumberland County, NC

Budget Narrative

As the Fiscal Agent for the combined Grant, Cumberland County does not intend to use any of the JAG funds for administrative expenses.

Cumberland County Sheriff's Office Portion

The Sheriff's Office, County of Cumberland, North Carolina intends to use the Byrne Memorial Justice Assistance as follows:

OTHER COSTS

--to participate in the NC Criminal Justice Information Network (CJIN). This State Bureau of Investigation system of information requires a subscriber fee to support operation of the network.

--To communicate to and from the NC SBI data bases using cellphone technology and services in Deputy's Mobile Data Terminals, as radio modems are phased out of service.

--to operate within the City of Fayetteville 800 Megahertz radio relay/repeater system, a monthly fee per radio is charged to defray costs of maintenance and operating that system.

City of Fayetteville Police Department Portion

The City of Fayetteville Police Department intends to use the Byrne Memorial Justice Assistance as follows:

EQUIPMENT

Purchase police bicycles and helmets; forensic light source kits; purchase automated license plate recognition system; police dive rescue boat and other diver equipment; radar and LIDAR speed control detectors; sniper rifles; night vision scopes; surveillance & recording equipment; Centurion Scout alerting/notification systems.

SUPPLIES

Purchase supplies to support classes to be taught to elementary age children about gangs during summer 2010, 2011, 2012 in conjunction with County-City Parks and Recreation Centers.

Budget Summary

Personnel	\$0
Benefits	0
Travel	0
Equipment/Software	166,901
Supplies	5,400
Construction	None
Consultants/Contracts	None
Other	81,284
Total Direct	\$253,585
Indirect	None
Total Project Costs	\$253,585
Federal Request	\$253,585
Non-Federal Amount	None

Cumberland County, NC

GMS Application 2009-G9716-NC-DJ

Review Narrative

Byrne Justice Assistance Grant 2009

This application was made available to the Cumberland County Board of Commissioners on June 8, 2009.

The public was advised of the Grant opportunity by following newspaper advertisement on June 13, 2009:

PUBLIC NOTICE

The Cumberland County Sheriff's Office and the City of Fayetteville Police Department are eligible to apply for an Edward Byrne Memorial Justice Assistance Grant from the US Department of Justice. The Grant totals \$253,585. A public hearing is scheduled for Monday, June 15, 2009 at 7:00 PM at the Cumberland County Courthouse, Room 119, to receive any public comments on this grant.

The Sheriff's Office intends to use these funds to defray the cost of connections to the SBI and FBI databases and the cost of the 800 Megahertz radio system. The City of Fayetteville Police Department intends to use the funds for equipment and supplies.

Note: There were no comments received from the public. There were no comments received from the Board of Commissioners, which voted to approve the application as presented.

Byrne Justice Assistance Grant 2009**ABSTRACT—EXECUTIVE SUMMARY**

The Cumberland County Sheriff's Office and the City of Fayetteville Police Department are Certified Disparate Jurisdictions for this Grant. Fund allocation as computed by the US Department of Justice based on crime statistics and population:

A.	Cumberland County	\$ 81,284
B.	City of Fayetteville	\$172,301
	Total	\$253,585

County of Cumberland Programs using Byrne Funds

The Cumberland County Sheriff's Office will use the funds to subscribe to the NC State Bureau of Investigation criminal data bases and connect deputy's cars using Mobile Data Terminals using cellphone aircards as radio modem technology is phased out. The funds will also support the voice communications 800 Mhz system of radio transmitter and repeaters, a technology used by most public safety agencies in the county.

City of Fayetteville Programs Using Byrne Funds

The City of Fayetteville Police Department will use the funds to purchase equipment and supplies.

Equipment purchases will replace older equipment (photo-lab and computers) at the end of its useful life, and also increase quantities of up to date equipment (police bicycles, crime scene investigation, automated license plate recognition, police rescue baot and related equipment, traffic speed control (LIDAR and radar), sniper rifles, night vision scopes, and alert/notification systems.

THE STATE OF NORTH CAROLINA

KNOW ALL BY THESE PRESENT

COUNTY OF CUMBERLAND

**MEMORANDUM OF UNDERSTANDING
BETWEEN THE CITY OF FAYETTEVILLE, NC AND COUNTY OF CUMBERLAND,
NC**

2009 Regular BYRNE JUSTICE ASSISTANCE GRANT (JAG) PROGRAM AWARD

This Agreement is made and entered into this 1 day of July, 2009, by and between The COUNTY of CUMBERLAND, acting by and through its governing body, the Cumberland County Board of Commissioners, hereinafter referred to as COUNTY, and the CITY of FAYETTEVILLE, acting by and through its governing body, the City Council, hereinafter referred to as CITY, both of Cumberland County, State of North Carolina, witnesseth:

WHEREAS, this Agreement is made under the authority of Sections 153A-14 and 160A-17.1 of the North Carolina General Statutes: and

WHEREAS, each governing body, in performing governmental functions or in paying for the performance of governmental functions hereunder, shall make that performance or those payments from current revenues legally available to that party: and

WHEREAS, each governing body finds that the performance of this Agreement is in the best interest of both parties, that the undertaking will benefit the public, and that the division of costs fairly compensates the performing party for the services or functions under this agreement: and

WHEREAS, the COUNTY agrees to serve as the fiscal agent and will file a single joint application to apply for the awarding of the FY 2009 JAG funds.

NOW THEREFORE, both parties agree as follows:

Section 1.

The COUNTY agrees to provide the CITY their allocated funding amount of One Hundred Seventy-two Thousand Three Hundred One (\$172,301), as computed by the US Department of Justice.

Section 2.

The COUNTY, acting as fiscal agent, will not request funding to cover administrative costs. The COUNTY, acting as fiscal agent, will submit quarterly programmatic and financial reports to the US Department of Justice. The CITY agrees to forward pertinent data regarding the CITY'S program initiatives related to this grant award to assist the COUNTY in completing the aforementioned reports.

Section 3.

The COUNTY intends to use its share for communications and the CITY intends to use its share for supplies and equipment.

Section 4.

Nothing in the performance of this Agreement shall impose any liability for claims brought against the CITY, other than claims for which liability may be imposed by the State Tort Claims Act.

Section 5.

Nothing in the performance of this Agreement shall impose any liability for claims brought against the COUNTY other than claims for which liability may be imposed by the State Tort Claims Act.

Section 6.

Each party to this agreement will be responsible for its own actions in providing services under this agreement and shall not be liable for any civil liability that may arise from the furnishing of the services by the other party.

Section 7.

The parties to this Agreement do not intend for any third party to obtain a right by virtue of this Agreement.

Section 8.

By entering into this Agreement, the parties do not intend to create any obligations express or implied other than those set out herein; further, this Agreement shall not create any rights in any party not a signatory hereto.

GMS APPLICATION NUMBER

2009-G9716-NC-DJ

This Memorandum of Understanding shall be effective on October 1, 2009 and expire upon the 30th day of September, 2013.

CITY OF FAYETTEVILLE

CUMBERLAND COUNTY

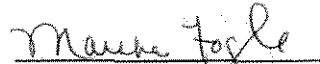

Dale Iman, City Manager


James E. Martin, County Manager

ATTEST:

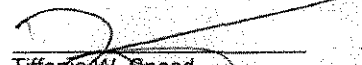
ATTEST:


Jennifer K. Penfield
Deputy City clerk


Marsha Fogle, County Clerk

APPROVED AS TO FORM:

APPROVED AS TO FORM:


Tiffanie W. Sneed
City of Fayetteville Police Attorney


Grainger R. Barrett
Cumberland County Attorney

THIS INSTRUMENT HAS BEEN PREAUDITED IN
THE MANNER REQUIRED BY THE LOCAL
GOVERNMENT BUDGET AND FISCAL CONTROL ACT


*No match required

THIS INSTRUMENT HAS BEEN PRE-AUDITED
IN THE MANNER REQUIRED BY THE LOCAL
GOVERNMENT BUDGET AND FISCAL CON-
TROL ACT


County Finance Director