

APPLICATION FOR

1. TYPE OF SUBMISSION Application Non-Construction		2. DATE SUBMITTED 06/29/2007	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 Greeley		Organizational Unit Greeley Police Department		
Address (city, state, and zip code) 2875 10th Street Greeley, Colorado 80634-5424		Name and telephone number of the person to be contacted on matters involving this application Carl Alm (970) 350-9648		
6. EMPLOYER IDENTIFICATION NUMBER (EIN) 84-6000593		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 Greeley Police- Enhancing Enforcement through Technology. WCSO_ Improving Criminal Investigation Capabilities		
12. AREAS AFFECTED BY PROJECT Greeley Police will acquire improved surveillance equipment				
13. PROPOSED PROJECT		14. CONGRESSIONAL DISTRICT(S) OF		
Start Date: 01/01/2008	Ending Date: 12/31/2012	a. Applicant CO04	b. Project CO04	
15. ESTIMATED FUNDING		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?		
a. Federal	\$95,010	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	\$95,010	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 Roy Otto	b. Title City Manager		c. Telephone number (970) 350-9750	
d. Signature of Authorized Representative			e. Date Signed	

Previous Editions Not Usable

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

REVIEW NARRATIVE

In accordance with grant requirements, public notification of the grant process, and an opportunity for public input was facilitated in two ways. Notification of the grant process was prominently posted on the main bulletin board, in the public lobby of the Greeley City Hall, with phone contact information for Lt. Carl A. Alm, the City Manager's designated representative for this grant. Notice was posted June 20, 2007.

On June 18th, notice was posted on the City of Greeley website, and on June 19th, on the Weld County Sheriff's Office website, with e-mail and phone contact information for both Lt. Carl A. Alm and Commander Kim Fliethman of the Weld County Sheriff's office.

In regard to governing body review of the grant application, due to procedural delays, and scheduling of our local City Council, review of the application is set for the July 10th Greeley City Council meeting. Consistent with the June 22nd e-mail on behalf of the Director of the Bureau of Justice Assistance, the application is being forwarded, with the understanding that the application will be processed, and then put on hold until the thirty day requirement is met.

Additionally, in regard to the memorandum of understanding between the participating agencies, the Greeley Police Department, and the Weld County Sheriff's office, a Memorandum of Understanding has been finalized, and is scheduled for approval by Council at the July 10th meeting. The Weld County Sheriff's Office and Greeley Police Department have a long history of cooperation with Justice Assistance Grants. It is anticipated that the MOU will be finalized on July 10th, and will then be FAXed as required the next day.

APPLICATION 2007-F3985-CO-DJ PROGRAM NARRATIVE

Greeley Police Department Enhancing Enforcement through Technology

The City of Greeley and Greeley Police Department, like many organizations, face budgetary restrictions and a shortage of funds to hire additional employees. In an effort to be more effective and efficient in the delivery of police services, the Department is attempting to maximize employee productivity through the acquisition and use of technology and equipment which will improve operations. There are several areas where updated technology and equipment can be utilized to improve police operations.

MOBILE LICENSE PLATE READER

The City of Greeley is an expansive jurisdiction, with minimal mass transit facilities. The primary mode of transportation is by private automobiles. Current and evolving technology has lead to the development of Mobile License Plate Reading Devices that are able to scan the license plates of vehicles in the immediate proximity of marked patrol vehicles, or other police vehicles deployed for routine patrol and surveillance. Gathering the license plate information from vehicles, all related registry information, and criminal data can be automatically accessed and used for the detection of criminal activity, and the initiation of traffic stops and criminal investigations. Data that can be accessed by the plate readers, and immediately transmitted to the operators include stolen vehicles, stolen license plates, and license plates associated with criminal suspects and activities. These can include fugitives with active arrest warrants, and vehicles and plates associated with missing persons, victims of amber alerts, and vehicles related to recently committed crimes. Use of this technology will act as a force multiplier, providing a vast amount of data to operators, while freeing up officer time to conduct other activities. Funding is sought for one Mobile License Plate Reading Device, and costs associated with its installation and operation.

DIGITAL DICTATION SYSTEM

Greeley police officers currently complete routine police reports by means of an analog tape system, where officers verbally dictate the essential information for police reports into mini-cassette recorders, following a pre-set format for information. The tapes are subsequently listened to, and transcribed by data coordinators, and stored electronically. While this system is a considerable improvement over hand written reports, and officers entering reports manually, technology has been developed to have police reports digitally dictated automatically via voice recognition technology. A system of this nature would greatly reduce the labor hours required to manually transcribe police reports, and would free records personnel for other essential functions, and possibly reduce the cost of support services to allow for re-allotment of funds spent on the transcription function to other areas of need.

While conversion of the entire department would be a costly endeavor, funds are sought to develop a pilot program of select individuals to test the concept of digital transcription of police reports, and to develop practices and procedures to initiate a wider program. Funding is sought for the software, licenses, hardware and equipment to fund such a pilot program.

SATELLITE TRACKING DEVICE

Criminal suspects committing crimes in Greeley are often highly mobile, utilizing private automobiles to transport themselves considerable distances. Often, repeat offenders, and known criminal suspects can be identified through preliminary investigations, along with their automobiles. Once identified, probable cause can often be developed to obtain a court order, allowing investigators to place a satellite tracking device on the suspect vehicle, transmitting information to investigators on the suspect vehicle's location. Deployment and use of satellite tracking devices enhance and expand the surveillance capacities of investigators, and allows criminal suspects to be followed and observed with less chance of detection. Satellite tracking devices also act as a manpower multiplier, allowing suspects to be followed and surveiled more "loosely", requiring less personnel to accurately track suspects. Funding is sought for one satellite tracking device, and installation costs.

DIGITAL CAMERAS FOR PATROL OFFICERS

Greeley Police patrol officers respond to a wide range of calls for police service, and are often tasked with collecting evidence at crime scenes including burglaries, assaults, vandalisms and many other frequent calls for service. One essential type of evidence often collected by patrol officers is photographs. With the advent of digital photography, several digital cameras are available which offer features which are not available with conventional film cameras. Currently, a specialized set of Greeley Police Officers with advanced training, and designated as "Field Evidence Technicians" are issued digital cameras. Patrol officers, and other police officers currently are issued obsolete, point and shoot, "35 millimeter" film cameras for routine duty. JAG funds would be utilized to equip all non-specialized police officers with basic digital cameras to improve collection of photographs for evidence. Funding is sought for 100 cameras, along with memory cards, and batteries.

MOBILE DISPATCH TERMINALS

The City of Greeley has a serious problem with gang crimes and gang violence. In past years, the City of Greeley and Greeley Police Department have made specialized enforcement of gangs a priority. Currently, the Department staffs a full time gang unit with six investigators and one sergeant, a significant commitment of manpower, from a department of 135 sworn officers. Gang unit officers are currently equipped with conventional, unmarked police sedans that are equipped with radios and low profile take down lights. The Greeley Police Department has a

fleet of patrol cars equipped with Mobile Dispatch Terminals, allowing officers to run clearances on plates, and criminal suspects. Gang unit officers often conduct surveillance of gang members and known offenders. Their efficiency would be greatly enhanced if they were able to access the NCIC/CCIC system, and local data base via MDTs in their cars. Funding is sought for an MDT and modem to be installed in an existing detective car.

Weld County Sheriff's Office Improving Criminal Investigation Capacities

The Weld County Sheriff's Office faces budgetary restrictions as many organizations do, and also must deal with operational and logistical problems which are linked to its size and service requirements. Consisting of 4,000 square miles of farmland, housing developments, small municipalities and grasslands, Weld County is one of the largest and most diverse counties in the state. These unique characteristics create challenges for limited manpower, which can be supplemented by additional equipment and technology. Funding is requested for several initiatives to improve the efficiency and effectiveness of WCSO personnel.

REMOTE CAMERA SYSTEM

Weld County is a large expansive county which has a variety of criminal elements within it as well as criminal elements entering the county to victimize the citizens of Weld County. There are numerous crimes committed within Weld County which could be either reduced or even avoided if technology could be implemented. The need to develop both hard surveillance as well as soft surveillance to assist Detectives has been identified and equipment can be purchased to reduce total man hours needed to provide both types of surveillance. Based on that fact, the need observe criminal elements that commit crimes within Weld County Sheriff's Office jurisdiction requires specialized equipment in order to reduce total investigative man hours. We have identified a long-range digital recording system which will be used in areas were concealing surveillance equipment would be considered difficult. This equipment has the capability of being run remotely which reduces the need for constant monitoring. Additionally this equipment can be configured to work as a traditional pole camera system, which is in constant need. Funding is sought for two remote cameras, installation costs, and transmission equipment.

GPS SYSTEM

There are numerous crimes committed within Weld County that could be either reduced or even avoided if technology could be implemented. The need to develop both hard surveillance as well as soft surveillance to assist Detectives has also been identified and equipment can be purchased to reduce total man hours needed to provide both types of surveillance. Based on that fact, the need to track criminal elements that travel in and out of various jurisdictions/ locations requires specialized equipment. For example, Sheriff's Detectives could identify a suspect involved in a string of burglaries and with the aid of modern technology could observe the suspect and apprehend him in the act of committing his next crime. Sheriffs Detectives could also install

equipment into a building that has had a series of burglaries that would notify them if the building was entered, reducing the need to have the building continually monitored by single or multiple individuals and could reduce the overall response time increasing the chance to apprehend the suspects. The Weld County Sheriff's Office has identified several items of equipment that will assist the Weld County Sheriff's Office in meeting the needs of a growing and complex criminal element.

Weld County Sheriff Office has identified a Global Position System (GPS) tracking unit built by Coleman Technologies that allows real time soft surveillance. The unit allows the ability to both log the suspect's positions as well as offers real time location of the suspect. The item can be installed onto a vehicle and would provide the location of the vehicle every 6 to 10 seconds. For example, the unit can be installed onto vehicle and can be monitored live showing exactly where the suspect is or the unit can download to the internet and be accessed at a later date. This allows Detectives to monitor the suspect live or to pull the logs up and see where the suspect was during a given period. This can assist Detectives in possibly locating the property stolen (the fence) or may show where additional victims may have been.

The Coleman unit also provides the ability to develop proactive targeting of potential high crime areas. For example, placing the unit in a trailer where numerous trailer thefts are occurring and allowing the trailer to be stolen so the Sheriff's Office can track where it is taken to. The Coleman unit is developed so that you can do a live track utilizing a laptop or internet connection and follow the suspect live. Funding is sought for one Coleman GPS tracking unit, installation costs and equipment.

MOBILE SOFTWARE/HARDWARE RESPONSE KIT

Weld County is a large expansive county which has a variety of criminal elements within it as well as criminal elements entering the county to victimize the citizens of Weld County. There are numerous crimes committed within Weld County which could be either reduced or even avoided if technology could be implemented.

Based on that fact, there are more computer crimes and there is the need to be able to capture live data on systems which can shut down due to either encrypted files or due to the nature of the type of data available (such as a business)

The Weld County Sheriff's Office has identified mobile software/ hardware response kit by Helix. This mobile response kit would allow the Detective to capture the data in a forensically sound manner and then take back to the lab for processing, thus reducing total investigative man-hours. Funding is sought for one mobile software/hardware response kit.

BALLISTIC SHIELDS AND BLANKETS

The Weld County Sheriff's Office has developed a regional Special weapons and tactics team which provides the citizens of Weld County and surrounding counties with a specially trained

and equipped team of deputies and officers who respond to incidents that require higher degree of firepower personal protective equipment, tactical capabilities, negotiation skills, tactical emergency medical response, high risk search and rescue or additional manpower. The special operations encompasses the use of tactical teams, negotiation with hostage takers, barricaded persons, uses special-purpose vehicles response to bomb threats and bomb emergencies, response to assistance in hazards\chemical environments, high risk arrest and search warrants, coverage of special events, protection of a VIP's, response to natural disasters, response to civil disturbance in civil defense situations and conduct search and rescue missions.

The Weld County swat team is a part-time component, staffed by personnel from other functions who assemble as the need arises. The team consists of 24 team members who will be called upon to handle wide variety of complex critical incidents. Critical operations encompass activities were responding certain kinds of emergencies unexpected situations that might better be served by some type of special components rather than organized under conventional operational component.

Because of the availability of firearms to be used for malicious purposes around the county, it is imperative that the swat team has the ability to deal with an armed confrontation or rescue innocent civilians from an armed confrontation. The use of ballistic shields and ballistic blankets will protect the citizens along with the team members of the Weld County swat team. Funding is sought for two ballistic shields, two ballistic blankets, and two blanket stands.

BUDGET NARRATIVE

Application # 2007-F3985-CO-DJ

Greeley Police Department Enhancing Enforcement through Technology

MOBILE LICENSE PLATE READER

1- Remington MPH 900 Mobile License Plate reader with processor, 2 cameras, 2 infra, red illuminators, 2 image and character recognition processors and related software.	\$22,425.00
1-Internal mounted, forward facing, LPR video camera.	\$720.00
1-Ruggedized touch-screen, in car PC with Windows XP, vehicle mounting hardware and keyboard.	\$5,000.00
Total Cost \$28,145.00	

DIGITAL DICTATION SYSTEM

10- Quickscribe Recorder software licenses	\$1,950.00
10- Olympus 141870 Direct Rec. Slide Switch Mics	\$1,890.00
2- Quick Scribe player software licenses	\$390.00
2- Foot Switches with USB interface	\$140.00
2- Flex Fone FLX-10 digital headphones	\$44.00
2- Dragon Naturally Speaking professional software	\$1,698.00
Total Cost \$6,112.00	

SATELLITE TRACKING DEVICE

1- CTI All in One AGENT Tracking Device	\$3,120.00
1- Covert wireless surveillance kit	\$1,599.00
Total Cost \$4719.00	

SURVEILLANCE CAMERAS

2- Sony RZ30 IP Cameras	\$2780.00
2- Boxes and supplies to house IP cameras	\$500.00
5- Pelican cases to house cameras and tracking devices	\$476.00

Total Cost \$3,756.00

DIGITAL CAMERAS FOR PATROL OFFICERS

100- Canon PowerShot A460 Digital Cameras	\$11,500.00
100- 1 GB SD Memory Cards	\$1,800.00
100- Camera Cases	\$700.00
400- 2100 mAh AA rechargeable batteries	\$700.00
4- 10 bay battery chargers	\$200.00

Total Cost \$14,900.00

MOBILE DISPATCH TERMINAL

1- Motorola ML900 LT PC computers, with High Contrast Transflect Monitors, Back-Lit Touch screens, 512 MB Ram.	\$5,574.87
1- Gemini/Paragon Mobile Data Modules	\$4,178.00
1- Laptop mount stands, locking top trays, and connections.	\$535.13
1- Installation fees for MDT systems	\$350.00

Total Cost \$10,638.00

Total Cost for Greeley Police Portion	<u>\$68,270.00</u>
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Weld County Sheriff's Office

Improving Criminal Investigation Capacities

REMOTE CAMERA SYSTEM

2- PC802PTXZ Cameras	\$3,800.00
2- DVQ4CD-3 4 channel DVR with DVD burner	\$1,500.00
2- HD250 250gb Hard Drives for extended recording	\$400.00
2- DVLXA Long Range Digital Transmitter/Receiver	\$5,800.00

Total Cost \$11,500.00

GPS SYSTEM

- 1- 1XRTT tracking unit
- 2- GPS Antennas
- 2- RF/Cellular antennae
- 2- Batteries
- 1- Battery Charger
- 1- Battery Cable
- 1- Power Cable
- 1- Cigarette lighter power cable
- 1- AC/DC power supply
- 1- Installation/Test box
- 1- Pelican case

Total Cost \$7425.00

MOBILE SOFTWARE/HARDWARE RESPONSE KIT

- 1- Helix Mobile response kit/forensic evidence recovery system

Total Cost \$495.00

BALLISTIC SHIELDS AND BLANKETS

2- Pro Tech Mighty Mite rapid response hand held shield	\$1,520.00
2- Pro Tech ballistic barrier blankets	\$5,000.00
2- Pro Tech ballistic barrier blanket stands	\$800.00

Total Cost \$7,320.00

Total Cost Weld County Sheriff's Portion \$26,740.00