

STATE OF NEW JERSEY

**EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE
GRANT PROGRAM**

Law Enforcement Technology Grants



PART I

**APPLICATION DOCUMENTS
TO BE COMPLETED
AND RETURNED**



April 2011

EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT (JAG)

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PART I

APPLICATION DOCUMENTS TO BE COMPLETED AND RETURNED

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**EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT (JAG)
APPLICATION CHECK LIST**

Law Enforcement Technology Grant

SUBGRANTEE:

INSTRUCTIONS: **The Application Check List is a guide to file a complete application. Return one (1) original (with original signatures) and 2 copies of the completed application.** *Unless otherwise noted, the head of the local unit of government, mayor, chief executive officer or village president (hereinafter Mayor”), should sign these documents.*

- ☐ Applicant Information Form
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- ☐ Application Authorization (Signed by Mayor)
- ☐ Certification of Equal Employment Opportunity Plan (EEOP) Form (Signed by appropriate official)
- ☐ General Conditions and Assurances (Signed by Mayor)
- ☐ Grant Agreement Certification (Signed by appropriate official)
- ☐ Certifications Regarding Lobbying, Debarment, Suspension and Other Responsibility Matters and Drug-Free Workplace Requirements (Signed by Mayor)
- ☐ Resolution of Participation and Certification of Recording Officer (Signed by Mayor & appropriate official)
- ☐ Federal Financial Accountability and Transparency Act Information Form

NOTE: ***ONLY COMPLETE APPLICATIONS CAN BE PROCESSED. ABOVE ITEMS MUST BE SUBMITTED WITH THE APPLICATION.***

Applicant Information Form**JAG Program**

Project Duration Period (when to when): June 1, 2011 – November 30, 2012		Grant No.: JAG-1-16-10	
Official Name of Applicant Agency: Vineland Police Department			
Address: 111 N. 6 th St.			
City/State: Vineland, NJ		Zip Code: 08360	County: Cumberland
Implementing Agency (if different than applicant): Same			
Agency Website:		Fiscal Year Start Date:	Federal ID Number:
Charitable Registration Number (if non profit & not exempt): N/A			
Have there been any findings filed against the agency in regard to its charitable status? ☐ Yes ☒ No If yes, please explain on a separate sheet.		New Jersey Business Registration Certificate:	
Name and Title of Chief Executive/Agency Director: Director/Mayor Robert Romano			
Street Address, City, State, Zip Code (if different from above): 640 E Wood St. PO Box 1508 Vineland, NJ 08362-1508			
Telephone: 856-794-4010	Ext.	Email: rromano@vinelandcity.org	Fax:
Name and Title of Project Director: Sgt. Christopher Fulcher			
Street Address, City, State, Zip Code (if different from above): 111 N 6 th St. Vineland, NJ 08360			
Telephone: 856-691-4111	Ext.4106	Email: cfulcher@vinelandcity.org	Fax: 856-205-7364
Name and Title of Contact Person: Chief Timothy Codispoti			
Street Address, City, State, Zip Code (if different from above): 111 N 6 th St. Vineland, NJ 08360			
Telephone: 856-691-4111	Ext 4199	Email: tcodispoti@vinelandcity.org	Fax:856-794-1047
Name and Title of Chief Financial Officer: Roxanne Tosto			
Street Address, City, State, Zip Code (if different from above): 640 E Wood St PO Box 1508 Vineland, NJ 08362-1508			
Telephone: 856-794-4640	Ext.	Email: rtosto@vinelandcity.org	Fax:
Name and Title of Fiscal Contact Person: Laura Gilroy			
Street Address, City, State, Zip Code (if different from above): 640 E Wood St. PO Box 1508 Vineland, NJ 08362-1508			
Telephone: 856-794-4175	Ext.	Email: lgilroy@vinelandcity.org	Fax:

PROJECT NARRATIVE

Each application must contain a short project narrative containing the following elements:

1. *Problem Statement*

Provide a short statement of the crime problem that grant funds will be used to address.

As a designated “Urban 15” municipality, the City of Vineland experiences perennial above average rates of property crime, violent crime, and traffic related issues. With a population of 60,000 and annual calls-for-service close to 80,000, police personnel deal with some of the highest workloads in the state. Law enforcement work, by its nature, is tedious and effective investigations require patience and time. While crime rates have remained consistent over the last few years, the total number of personnel has not. Like many other agencies across the state, the Vineland Police Department has seen a reduction in force of 7.5% over the last three years. Less available personnel to handle the same volume of calls has resulted in an increased response time of almost one minute since last year. In addition, officers are spending an average of two minutes longer on each call.

As a result, the Vineland Police Department is implementing an operational model that integrates location based crime and traffic crash data to establish effective and efficient methods for deploying resources. This approach, grounded in location based data, relies on highly visible enforcement which is a proven and effective countermeasure. Technology will play a critical role in the success of this model. The force multiplying benefits of technology are put to use by providing a scientifically based method to accurately target efforts. This same technology will also serve to streamline workflow and provide officers with more resourceful methods for performing many of their day-to-day operations. Our overall project objectives include:

- Using technology to identify targeted patrol areas for high visibility enforcement and reduce crime in those “hot spots” by 10%.
- Reduce response times by 10% by streamlining existing workflow through technology.
- Reduce time on-scene time by 5% by streamlining existing workflow through technology.

2. *Activities & Time Frame*

Explain how the use of technology purchases or additional personnel to support the use of technology will help to reduce violent crime in your community. Include a time frame to complete each activity.

Our technology has and will continue to improve on our daily practices and departmental mission. Many of our existing programs have been successful in reducing both violent and property crimes in Vineland, but we are challenged to maintain that level of success with the attrition of personnel we have experienced. This challenge will be met with a new resource allocation model that focuses on high visibility enforcement based on targeted crime “hot-spots”. Technology purchases will focus on equipment and systems that will help determine these “hot-spots” as well as streamlining workflow for officers in the field.

The Vineland Police Department has utilized Mobile Data Terminals (MDT’s) since 1998. Capabilities including mobile field reports, call-for-service information, and database access provide

a more productive environment for officers in the field. In addition, the information provided by the NJ Motor Vehicle Commission (MVC) and the National Crime Information Center (NCIC) is a safety advantage for officers. Warrant statuses, missing and wanted person information, and gang information can be transmitted directly to officers on scene providing real-time updates.

In 2006 many of the original MDT units were replaced with a new configuration from Dell. This system placed the computer unit itself in the trunk of the patrol vehicle to allow more room in the cab for the officer. Not long after the initial installation, we began to experience overheating issues which resulted in the units shutting down. This was especially problematic in the summer months when the temperature inside the trunk would increase quickly as the day went on. Replacing these units is a top priority in this project for our mobile fleet to retain the benefits and advantages it provides our officers. New units can be purchased and deployed within nine months.

In 2010 the City of Vineland completed a Closed Circuit Television (CCTV) project where twenty-three surveillance cameras were installed in a high crime area of our downtown business district. In addition, seven fixed Automatic License Plate Reader (ALPR) cameras were also deployed. ALPR cameras scan the license plates of passing motor vehicles and compare the results to a pre-defined "hot-list" of stolen vehicles, missing and wanted persons, gang members, etc. Since November 2010 when the cameras went active, we have recorded close to 3 million license plate "reads" and over 21,000 "hits". These "hits" have included stolen vehicles, wanted persons, and many suspended and expired drivers. Results have provided an investigative benefit to officers on a regular basis and have also assisted with targeting crime "hot-spots".

A second priority of this project will be to purchase mobile ALPR cameras mounted to patrol vehicles to expand the use and benefits of this system. Mobile units will exponentially increase the coverage of the system and the "reads" it produces. These additional "reads" will also increase the investigative benefit to officers. Total cost of implementation is reduced since the back-end infrastructure is already present from the existing fixed cameras. Mobile ALPR cameras can be purchased, installed, and deployed in the field within nine months.

In 2010 a contract was reached with a new Computer Aided Dispatch (CAD) and Records Management System (RMS) vendor. This new vendor, Pro Phoenix, replaces our existing fifteen year old system and leverages modern technology to accomplish our tasks proficiently. The City of Vineland has committed the funding to making the transition successful by upgrading our technology. This new vendor matches our commitment to deploying resources in areas they are most needed. Through the use of this new technology, officer's daily tasks will be streamlined.

Our third priority in this project will be to purchase mobile driver's license readers for use in our patrol vehicles. These readers will be integrated into our new RMS vendor's application streamlining routine tasks such as crash investigations and ticket entry. This will provide officers more time for targeted patrol in "hot-spot" areas and reduce the amount of time needed on-scene to complete these daily responsibilities. These readers can be purchased, installed, and deployed in six months.

In addition, we will purchase an advanced authentication system for use by our officers in the field. The FBI Criminal Justice Information System (CJIS) released a new Security Policy in February 2011. This new policy requires officers use advanced authentication techniques to access NCIC databases. Advanced authentication includes something additional to a username and password for access to NCIC. Examples include fingerprint scans, hardware/software tokens, or smart-cards. We plan to purchase a system compatible with our existing smart card system for authentication to our MDT's. The integration with an existing system will require a reduced cost of implementation. It will also reduce an officer's time to authenticate and access various systems. This will result in less time on scene and more time for targeted patrols. An advanced authentication system can be

purchased, installed, and deployed in twelve months.

3. Performance Measures

Identify data that will be collected to measure the results of each activity.

Response time and time on scene will be monitored for officers assigned to vehicles with newly purchased MDT's. The increased capabilities of the new technology should enable reduced time to complete necessary tasks. Our goal is to reduce response time and on-scene time by 10% and 5% respectively.

Information from the mobile ALPR cameras will be integrated into the existing database from the fixed cameras. This combination of data will help shape the "hot-spot" locations where targeted patrol areas will focus. Detailed data analysis will be performed to see the patterns and trends in existing calls-for-service and information from the ALPR system. The project's goal is to reduce crime in these targeted areas by 10%.

The addition of mobile driver's license readers and dual authentication system access will work together to make the officers in the field more productive. Increased production will target reduction in both response times and time on-scene. Mobile driver's license readers will reduce the time for routine data entry thereby reducing on-scene times. Dual authentication will reduce the repetitiveness of signing in to access multiple databases. Our goal is a reduction in response time of 10% and on-scene time by 5%.

4. Management Structure

Identify staff that will be responsible for completing each activity. List your management structure to implement this grant project. Each applicant must identify a Project Director who will be responsible for the overall implementation of the project.

Our project objectives can be easily measured. Metrics such as reduction of crime in designated areas, reduction of response time, and reduction of on-scene time will be monitored throughout the grant project by our Project Director Sgt. Christopher Fulcher. As the Communications/Technology supervisor, he will oversee the procurement of equipment, deployment into the field, training of personnel, and ongoing evaluation of the project goals and objectives. He will report to the Services Division commander, Capt. John Lauria. Captain Lauria, through regular meetings with the Command Staff and Chief of Police, will update the status of the project and make adjustments to the project objectives as necessary. A final project evaluation meeting will be held at the conclusion of the project timeline to ensure the identified goals have been realized and determine the overall success of the project.

Applicant: Vineland Police Department			Grant No:
Budget Detail Form			
COST ELEMENT			Subgrant Funds
Personnel		% of time on Project	Total Annual Salary or Hourly Rate
1. Salaries and Wages (list each position)			
Name/Position			
N/A			0
SUB-TOTAL SALARIES AND WAGES			0

2. Fringe Benefits List each benefit and percentage (i.e., FICA)		Agency Fringe Rate	Subgrant Funds
Name/ Position			
N/A			0
SUB-TOTAL FRINGE BENEFITS			0
TOTAL SALARIES & FRINGE BENEFITS			0

COST ELEMENT				Subgrant Funds
Purchase of Services				
Name of Provider	Contracted Services Provided/ Costs for professional services	Unit Cost/ Hourly Rate	Units/ Project Hours	
N/A				0
TOTAL PURCHASE OF SERVICES				0

Applicant: Vineland Police Department	Grant No:
Budget Detail Form	
COST ELEMENT	Subgrant Funds
Consumable Supplies (list each item & show unit cost & calculations)	
N/A	0
TOTAL CONSUMABLE SUPPLIES	

COST ELEMENT	Subgrant Funds
Equipment (List and explain in attached budget narrative; calculate per unit cost)	
Mobile Data Terminals- Eighteen at \$5,600.00 per unit	\$100,800.00
Mobile License Plate Recognition Cameras- Four at \$17,500.00 per vehicle	\$70,000.00
Mobile Driver's License Readers- Twenty-four at \$600.00 per unit	\$14,400.00
MDT Advanced Authentication System- One system at \$64,800.00	\$64,800.00
TOTAL EQUIPMENT	\$250,000.00
<i>TOTAL PROJECT COSTS</i>	\$250,000.00

Budget Narrative (describe each cost element listed on the Budget Detail Form):

1. Mobile Data Terminals (MDT's)- Eighteen MDT's will be purchased at \$5,600.00 per unit for a total of \$100,800.00. Specifications for the purchased MDT's will be similar to other units that are currently in-service and being successfully used in the field. MDT capabilities including mobile field reports, call-for-service information, and database access provide a more productive environment for officers in the field. The increased capabilities of the new technology will enable reduced time to complete necessary tasks providing more time for targeted patrols.
2. Mobile Automatic License Plate Reader (ALPR) System- Four mobile camera systems to outfit four vehicles at \$17,500.00 per vehicle for a total of \$70,000.00. System must be compatible with existing fixed LPR system. Information from the mobile ALPR cameras will be integrated into the existing database from the fixed cameras. This combination of data will help shape the "hot-spot" locations where targeted patrol areas will focus. Detailed data analysis will be performed to see the patterns and trends in existing calls-for-service and information from the ALPR system. The project's goal is to reduce crime in these targeted areas by 10%.
3. Mobile Driver's License Readers- Twenty-four readers to be purchased for patrol vehicles at \$600.00 per unit for a total of \$14,400.00. Readers must be compatible with Pro Phoenix RMS application. Mobile driver's license readers will reduce the time for routine data entry thereby reducing on-scene times and increasing production of officers by allowing more time for targeted patrols.
4. Advanced Authentication System- One MDT advanced authentication system at \$64,800.00 compatible with our existing smart-card system. Dual authentication provides a more secure way to access databases from the MDT's will reduce the repetitiveness of signing in to multiple systems. This more secure and simpler system will decrease on-scene time and increase production of officers by allowing more time for targeted patrols.