
Project Plan

National Capital Region – Law Enforcement Information Exchange (NCR-LInX)

Contact Information

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Project Information: National Capital Region – Law Enforcement Information Exchange (NCR-LInx)

Period of Performance: September 2006 – December 2007

Grant Award: \$3,000,000.00 Fiscal Year 2006

Related Documents: Concept Paper and Initiative

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I. Project Summary

Despite the significant vulnerability residents and visitors of the NCR are exposed to, this region lags behind many others who have law enforcement information sharing initiatives in place or underway. Local, state and federal law enforcement is severely hampered by its inability to access each other's data despite the fact that serious and violent criminals as well as terrorists all travel across NCR jurisdictional line daily often hourly. This lack of data sharing places residents of the NCR at a significant public safety risk. What is needed is a system to collect and share daily police reports, traffic citations, CAD systems, arrest reports and mug shots as well as other more specific data sets.

In June of 2005, the COG Police Technology Subcommittee collaborated with the Naval Criminal Investigative Service (NCIS) to launch the NCR – LInX after having explored multiple criminal justice data sharing options. The LInX system is the most robust in the nation, having already successfully implemented criminal justice data sharing initiatives in the State of Washington, Hampton Roads Region of Virginia, Gulf Coast of Texas, the islands of Hawaii and the area of the Florida – Georgia state line.

The goal of the NCR – LInX is to achieve complete criminal justice data sharing capability among the more than 75 law enforcement agencies that make up the National Capital Region. A formal charter has been executed by 28 of the region's law enforcement agencies. The project will be administered under the guidance of the NCR-LInX Governance board, which is currently chaired and co-chaired by two of the region's police chiefs. Legal officials from the 28 agencies who have signed the charter are currently reviewing a formal memorandum of understanding. While our subcommittee asked for \$4 million during the FY 2005 Homeland Security Grant Program: UASI, using Montgomery County's letterhead for application purposes, we only received \$1 million. This grant was leveraged by our collaboration with NCIS permitting the initiation of Phase One.

Phase One includes bringing thirteen law enforcement agencies, which have been formally selected, on line as part of the pilot phase. Those agencies include: Arlington County Police and Sheriff, Alexandria Police, Metropolitan Police Department – District of Columbia Police, Fairfax City Police, Fairfax County Police, Loudoun County Sheriff's Office, City of Manassas Police, Metropolitan Airports Authority Police, Metro Transit Police, Montgomery County Police, NCIS, Prince George's County Police and Prince William County Police. Interviews with each agency listed to begin the data extraction process have already started.

We are seeking additional funding to support Phase Two with FY06 UASI support that will include the following tasks, deliverables and collaborating partners:

In collaboration with NCIS and Northrop Grumman, their retained contractor, we hope to bring the remaining agencies that have signed the charter online, but were not part of the original 13 pilot agencies. Furthermore, given the success the Regional Pawn Data Sharing System (RPDSS), it makes sense to merge and incorporate this stand-alone database with NCR – LInX. Finally, an overwhelming request that the Steering Committee (COG Police Technology Subcommittee) has received from the officers and investigators using RPDSS, is to include a bulletin board on the sign in screen of NCR – LInX that would be used to post current persons of interest, patterns, trends and any other information that law enforcement officials would deem very important to quickly disseminate into the hands of on-duty personnel.

II. Project Background and Goals

A. Project Background

At present, the National Capitol Region is splintered amongst numerous local state and federal agencies. Regrettably almost no cross-jurisdictional information sharing occurs. Investigators and law enforcement officials are unable to see the whole nature of crime or terrorism due to informational stovepipes and no central data collection. Because of this in the event of a terrorism incident, investigators are unable to determine and collaborate about suspects who are affecting adjacent or nearby jurisdictions. Perhaps the greatest example of information sharing failure to affect the NCR was the DC Snipers who despite being stopped by several agencies and being seen at many of the crime scenes were never linked together. Regrettably, this contributed to the duration of the murder spree. This tragic loss of life has finally directed local leaders to build a system to address terrorism and serious crime vulnerabilities once and for all.

This local law enforcement regional information sharing system available to its federal and state counterparts, will meet the following goals:

- Provide users with browser-based access to incident reports, arrests reports and mug shots of all participating members
- Provide web based access to Field Interrogation reports
- Provide a regional information-sharing tool to law enforcement managers handling a terrorist incident to generate suspects, evidence and investigative leads.
- Provide a regional information sharing tool for investigators seeking to solve cases where offenders are committing crimes across jurisdictional lines
- Provide a web based regional information sharing tool to police executives for their investigators to significantly improve case closure rates
- Provide a web based regional information sharing tool to fight gangs which increasing exploit the present lack of information sharing across jurisdictional lines
- Provide a web based regional information sharing tool to allow planners to determine crime trends and shift resources more effectively

The project has been implemented in 2 phases: Phase 1, which is well under way, connected approximately 14 agencies that is consistent with the many LINX systems around the nation. Phase 2 will connect the remainder of agencies in the NCR.

NCR Strategic Initiatives	DHS Target Capabilities & Performance Measures
<ul style="list-style-type: none"> • 3.2.1 Develop common regional information sharing and collaboration frameworks, to include determining roles, responsibilities and protocols • 3.2.2 Enhance regional interoperability, and protection of sensitive and classified information, through technical connectivity and protocols, while building upon existing programs and promoting common systems 	<p>Target Capabilities:</p> <ul style="list-style-type: none"> • The broad range of activities undertaken by law enforcement and related entities to detect, examine, probe, investigate and conduct operations related to potential terrorist activities and prevent and mitigate “all hazards” threats and events. • Information sharing and dissemination capabilities are necessary tools to enable efficient prevention, protection, response, and recovery activities. • The goals of information sharing and dissemination are to facilitate the

	<p>distribution of relevant, actionable, timely, and preferably declassified and unclassified information and/or intelligence that is updated frequently, i.e., criminal justice data sharing.</p> <p>Performance Measures:</p> <ul style="list-style-type: none"> • Law enforcement personnel are able to carry out effective investigations of criminal/suspicious activities potentially related to terrorism. • Law enforcement and other appropriate personnel effectively receive, develop and share information to aid in the conduct of an investigation. • Information flows vertically (from the Federal level through regions, States, locals and back) within Law Enforcement and other appropriate agencies in a timely and effective manner.
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B. Goals and Outcomes

Goal	Outcomes
<p>Link all local, state and federal law enforcement into a centralized data system for information sharing in the NCR</p>	<ul style="list-style-type: none"> ▪ Provide a terrorism suspect identification investigative tool ▪ Reduce crime leading to a reduction of violence in and around the NCR ▪ Increase law enforcement officer safety ▪ Increase public safety for those living, working or visiting the NCR

C. Project Managers

- Name Commander Mitch Cunningham, 3rd District Commander, Montgomery County Police Department
- Name James Austin, Project Coordinator for LINX programs, NCIS
- Name Robert Moseley, Technical Manager. NIJ Office Science and Technology
- Name: Steve Dickstein, Project Manager, MWCOG

D. Project Assumptions

Item Number	Description	Notes
1	Phase 1 will be completed by February 19, 2007, and become the basic foundation for this project with 14 agencies' data fully integrated.	Requires continued and full cooperation of the 14 agencies.
2	NCIS will continue commitment to provide sufficient operation and maintenance funding and personnel resources thru at least September 2007.	Confirmed with NCIS on June 15, 2006.
3	The Baltimore-Washington High Intensity Drug Trafficking Area (HIDTA) will continue to host the data warehouse in their secure facility in Greenbelt, MD, at no cost other than the communications lines.	Verbal agreement with the Director and its Governance Board. MOU pending.
4	A subset of the Phase 2 agencies' data integration can be accomplished starting NLT than August 15, 2006, and be completed by January 31, 2007, simultaneously with the Phase 1 development.	Requires defining exact scope of work, obtaining a contract for Phase 2 development, and obtaining full cooperation of the selected agencies. Planning has started.
5	This project meets the basic measures defined in the target capabilities list (TCL) published by DHS.	Confirmed with SAA, SPG, and DHS.

1. Scalability

Subsequent to September 11, 2001, it became readily apparent to National Capital Region (NCR) Law Enforcement Agencies that electronic real time data sharing was imperative if we were to prevent future terrorist acts. An independent study was commissioned to determine feasibility and cost. Although it was found that the necessary data sharing could be accomplished, the estimated cost ranged between \$20-25 million. Due to the prohibitive cost, different strategies needed to be developed. It was decided that leveraging NCR assets with the Naval Criminal Investigative Service (NCIS) could provide the necessary functionality at an acceptable cost. As such, local law enforcement submitted this project in Fiscal Year 2005 and received the full support of the CAO committee. Unfortunately, it suffered a last minute three million dollar reduction that had been approved.

The project already has a Governance Board and operating plan in place. It is not searching to become a new entity, but instead to embrace an established system that has proven successful in other parts of the country. Indeed, the necessity of this project has become even more obvious with time. Agencies in the region are clamoring to participate. As a result, COG's Police Chiefs' Committee has made this their number one priority.

Notwithstanding that this project is de facto scalable, any reduction in funding exponentially reduces the return on investment, as data not shared is data not available. It would be tragic if data possessed by an agency that could potentially prevent an act of terror from occurring was not available to an inquiring agency due to insufficient funding for region-wide participation. Full funding is imperative as this project reflects true regional cooperation between local, state and federal agencies, a point of major concern in homeland security reports and as expressed by the SPG.

In brief, the project is fully scalable. However, if full funding is not approved the NCR law enforcement community would be using the Law Enforcement Information Exchange at a sharply reduced capability without the ability to access all the available electronic law enforcement and criminal justice data from several of the NCR jurisdictions. Data points would not be available to the LInX users that might provide the clue(s) to the solution of a major crime and/or potential terrorist activity.

III. Project Approach

A. Activities

1. Feasibility Study - Completed June 30, 2005

MWCOG Police Chiefs Committee obtained funding and contracted with Mitretek Systems, Inc., to contact a feasibility study for a regional law enforcement information system for the National Capital Region. This study included needs analysis, requirements and architecture for the system, and a survey of existing and emerging law enforcement information sharing systems. Mitretek worked closely with the MWCOG Police Technology Subcommittee during the study, which was completed on June 30, 2005. One of the recommendations of Mitretek was that the Police Chiefs Committee consider partnering with the U. S. Naval Criminal Investigative Service (NCIS), which is headquartered in Washington, DC, to utilize a regional law enforcement information sharing system called Law Enforcement Information Exchange (LInX) that NCIS had successfully developed and piloted in the Seattle and the Hampton Roads areas.

2. Executive Decision – Completed July 27, 2005

MWCOG Police Technology Subcommittee solicited briefings and demonstrations of the LInX system from the NCIS. The Director of NCIS pledged his willingness to provide some initial funding and personnel resources to develop the LInX system for the National Capital Region, since the LInX had already been successfully prototyped and was in operational use in both the Seattle and Hampton Roads area. At a MWCOG Police Chiefs meeting held on July 27, 2005, a motion was made and approved by the MWCOG Police Chiefs to partner with NCIS and adopt the LInX solution for the National Capital Region.

3. Governance Board Establishment and Project Kickoff – Completed November 10, 2005

The Director of the Baltimore-Washington High Intensity Drug Traffic Area (HIDTA), located in Greenbelt, MD, agreed to host the NCR LInX Warehouse at no cost to the NCR except for the communications lines and system maintenance costs. A Charter document was prepared by NCIS to establish a NCR Law Enforcement Information Exchange (LInX) Governance Board. The NCR Police Chiefs Committee invited all eligible law enforcement agencies in the National Capital Region to a Kickoff Meeting, which was held on November 10, 2005. The program was introduced to the attendees and the Charter document was distributed to the attendees. Thirty of the agencies in the NCR subsequently signed the Charter. The NCR LInX Governance Board was formed and consists of the Head or a Designee of each of the 30 participating agencies. The NCR LInX Governance Board now meets monthly immediately following the MWCOG Police Chiefs Committee meeting. The Board decided to adopt a phased approach with 14 agencies in Phase 1 (to be further divided into a Phase 1A and a Phase 1B) and 16 agencies in Phase 2.

4. Memorandum of Understanding and Operational Policy & Rules Documents - Completed

The NCR LInX Governance Board established a Legal Committee composed of federal, state, and local agencies attorneys to review and approve a Memorandum of Understanding (MOU) document and an Operational Rules and Policies document. To date, the MOU has been signed by 29 of the 30 original agencies. The last one is still pending a decision. The Operational Policy and Rules document is scheduled for a vote at the next meeting of the Governance Board on June 28, 2006.

5. Phase 1 Planning and Development – Began Date: December 14, 2005; Phase 1 Completion Date: February 19, 2007

NCIS had an existing federal contract with Northrop Grumman Corporation for the development of LInX projects. A Task Order was added for Northrop Grumman to perform the tasks associated with the data collection, mapping, and integration of the NCR Phase 1 agencies' data as well as for maintaining the LInX system for the Phase 1 agencies.

Phase 1 Activities:

Phase 1 - Development Activities	Start Date	Finish Date
Phase 1 Agency Site Surveys	12/14/2005	4/24/2006
Capacity Planning - LInX Architecture	10/26/2005	3/8/2006
HIDTA Facility Preparation	3/14/2006	8/29/2006
Data Conversion for Phase 1A Agencies	1/12/2005	10/18/2006
System Build and Data Loading	1/27/2006	9/7/2006
Security Accreditation Documentation and Review	2/21/2006	9/20/2006
Deploy System to HIDTA Facility and Testing	9/7/2006	10/25/2006
Update Training Documentation and start conducting Train the Trainer classes	9/25/2006	2/19/2007
Data Conversion and Deployment - Phase 1B Agencies	7/6/2006	2/19/2007

6. Phase 2 Planning and Development – Target Begin Date: June 20, 2006; Target Finish Date: September 30, 2007

Phase 2 Activities:

Phase 2 - Development Activities	Target Start Date	Target Finish Date
Obtain new contract for Phase 2	6/20/2006	8/15/2006
Conduct Phase 2 Agency Site Surveys	6/29/2006	8/1/2006
Data Conversion and Data Loading for the Phase 2 Agencies, RPDSS data, and up to 5 additional agencies data to be identified	8/1/2006	9/30/2007
Develop and deploy system enhancements	1/1/2007	7/1/2007
Security Accreditation Documentation and Review	8/1/2007	9/30/2007

Conduct Training classes	2/20/2007	9/30//2007
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B. Resources

Resource Name	Type	Responsibility	Duration
People	Contractor	Developers and data integrators	8/1/2006 – 9/30/2007

C. Deliverables

Deliverable	Delivery Date	Estimated Costs
Data integration and loading for all Phase 2 agencies, the integration of the RPDSS data, integration and loading of data from up to 5 additional agencies to be identified, and security accreditation and training documentation	9/30/2007	\$2,350,000
System enhancements	7/31/2007	\$650,000
Monthly status reports by Montgomery County Government (grantee)	Monthly	No cost

D. Next Steps

Next steps will include improving the system as needed, with both hardware and software upgrades, identifying system enhancements such as facial recognition for the identification of unknown suspects, and ensuring system is maintained.

IV. Project Methodology

A. Project Dependencies

Question	Yes or No (If yes, please describe how)
Does this project conflict or compete for resources with any other project?	No
Does any other project depend on this project?	No
Are there any other important dependencies that will affect this project?	NCIS support for this project.

Project Plan

Mobile Automated Fingerprint/Facial Recognition System

Contact Information

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Project Information: Mobile AFIS/ Facial Recognition

Period of Performance: July 2006 – December 2007

Grant Award: \$3,000,000; Fiscal Year 2006

Related Documents: Concept Paper and Initiative Plan

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V. Project Summary

INITIATIVE

Mobile AFIS with Facial Recognition will allow law enforcement officials within the National Capital Region to use recently proven technology to identify persons in real time at a crime scene or those involved in suspicious activity. Current databases located in the District of Columbia, Virginia and Maryland consist of approximately 1.5 million records. With the use of this hand held device, a fingerprint or a photographic image of the individual is captured and transmitted by wireless communication for search. Upon implementation of this project, the identity of the individual, if in the current databases, may be known within two minutes.

APPROACH

In 2005, The County of Fairfax was awarded 8.4 million dollars by the Office of Homeland Security to replace an obsolescent Automated Fingerprint System. As a result, a major step will be accomplished in January 2007, as The National Capital Region will have three state of the art fingerprint systems to enhance and improve on a recognized and established system.

BENEFITS

The NCR Mobile AFIS / Facial Recognition project will build on the foundation constructed with the FY 2005 UASI grant award, to augment system capabilities, through the addition of a field identification layer.

Mobil AFIS is an electronic "Search of the Pockets" in that when a scan is initiated; identification is possible based on a fingerprint match. If the subject scanned has a prior local record, the result will be a "hit" on that record, returning the associated MugShot and name. The three AFIS systems are linked to provide a method for searching all systems in a logical order. This mobile subsystem capability will be independent of the search engine required to process daily criminal arrest records. This approach allows each agency to use the available tools when necessary without adversely affect the normal operation of another jurisdiction.

VI. Project Background and Goals

A. Project Background

NCR Strategic Initiatives	DHS Target Capabilities & Performance Measures
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<ul style="list-style-type: none"> • 3.2.1 Develop common regional information sharing and collaboration frameworks, to include determining roles, responsibilities and protocols • 3.2.2 Enhance regional interoperability, and protection of sensitive and classified information, through technical connectivity and protocols, while building upon existing programs and promoting common systems 	<p>Target Capabilities:</p> <ul style="list-style-type: none"> • The broad range of activities undertaken by law enforcement and related entities to detect, examine, probe, investigate and conduct operations related to potential terrorist activities and prevent and mitigate “all hazards” threats and events. • Current and emerging investigative techniques are used with emphasis on training, legal frameworks, recognition of indications and warning, source development, interdiction, and relation issues special to antiterrorism activities, i.e., law enforcement field use of mobile, facial recognition technology. • Information sharing and dissemination capabilities are necessary tools to enable efficient prevention, protection, response, and recovery activities. • The goals of information sharing and dissemination are to facilitate the distribution of relevant, actionable, timely, and preferably declassified and unclassified information and/or intelligence that is updated frequently, i.e., three participating databases consisting of 1.5 million facial recognition records with a two- minute search time for each system. <p>Performance Measures:</p> <ul style="list-style-type: none"> • Law enforcement personnel are able to carry out effective investigations of criminal/ suspicious activities potentially related to terrorism. • Law enforcement and other appropriate personnel effectively receive, develop and share information to aid in the conduct of an investigation.
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B. Goals and Outcomes

Goals	Outcomes
<p>To secure 3 million dollars for technologies to complete the project begun with FY2005 funding.</p> <p>Provide state of the art technologies to identify individuals in the field in a real time situation.</p>	<ul style="list-style-type: none"> ▪ The NCR will have completed a major accomplishment and enhance an established system. ▪ Provide proven technology to the First Responder to enhance his/her investigations and capabilities. ▪ Provide a real preventative tool. ▪ For the first time, the investigator in the field will utilize the Mobile portion to verify the identity of potential

Goals	Outcomes
To prevent crime and terrorist events.	criminals/terrorist via Biometrics or Facial Recognition.

C. Project Managers

Let us know who has responsibility for ensuring the goals and objectives of this project are met. Please list them using the following format:

J. Vincent Byrd	Second Lieutenant, Fairfax County Police Department (VA)
Deloris Hunter	Director, Metropolitan Police Department (DC)
Nicholas Tucci	Director, Montgomery County Police Department (MD)

D. Project Assumptions

Item Number	Description	Notes
1	Staff is available, with the required skill set, to complete all tasks identified in the project schedule, with the addition of having all effective IT Bureaus on board.	On going communication with other partners and vendor.
2	This system will enhance the FY2005 UASI purchase of the Automated Fingerprint System. This added capability will provide the region with additional and real time security. (PREVENTION)	All Police Chief's in the NCR support this endeavor.
4	These systems currently operate in Pinellas County Florida and Harris County Texas.	Pinellas County has the Facial Recognition Capability, Harris County uses Biometrics, the NCR may be the first region that will utilize both tools at the same time.

1. Scalability

Keeping in mind that the allocated project funding is 40 percent of the requested funding, we need to understand the scalability of your project: Can you still partially mitigate the threat if you receive partial funding, or must the project be funded in total to achieve any value.

The Law Enforcement Agencies within the NCR understand the requirements placed on the executive committee. After review it has been determined that this proposal can, if necessary, be reduced by one million dollars without affecting the capability or function of the Mobile AFIS/Facial Recognition System.

The following synopsis is provided should funding be reduced from our request:

- In the original proposal, Montgomery County (MD) required approximately \$633,779 to install components to complete a MugShot system. With a reduced award, it is proposed that Montgomery County (MD) will receive \$44,384 and utilize this funding to connect to the Prince George's County (MD) MugShot system or seek the remaining funding to complete their initial project as requested. However, Montgomery County will participate in the project, even though their agencies will not be providing MugShot data at the onset of the project unless other funding is secured.

• Funding for Montgomery County	\$ 44,384
• The amount of the field capture devices reduced form 150 to 102 units and docking stations reduced from 150 to 50 units	\$ 510,000
• BIS Gateway Server/50 Licenses to 34 Licenses	\$259,800 to \$ 176,120
• MCD Messaging Server/50 Licenses to 34 Licenses	\$221,892 to \$ 150,884
• BIS Mobile Software Licenses/50 to 34 License	\$ 25,000 to \$ 18,000
• Total for Three jurisdictions	\$986,412
• Phone cards from 24 to 12 months	\$ 336,145 to \$114,200
TOTAL	\$2,000,000

- If funding for maintenance should be available for this project, first year costs are estimated to be \$300,000.

VII. Project Approach

Now that we know what you want to accomplish, we'd like to understand in greater detail how you'll accomplish the project. Effectively completing this section will likely determine whether you succeed; it's also the section we most closely scrutinize before issuing sub-grants.

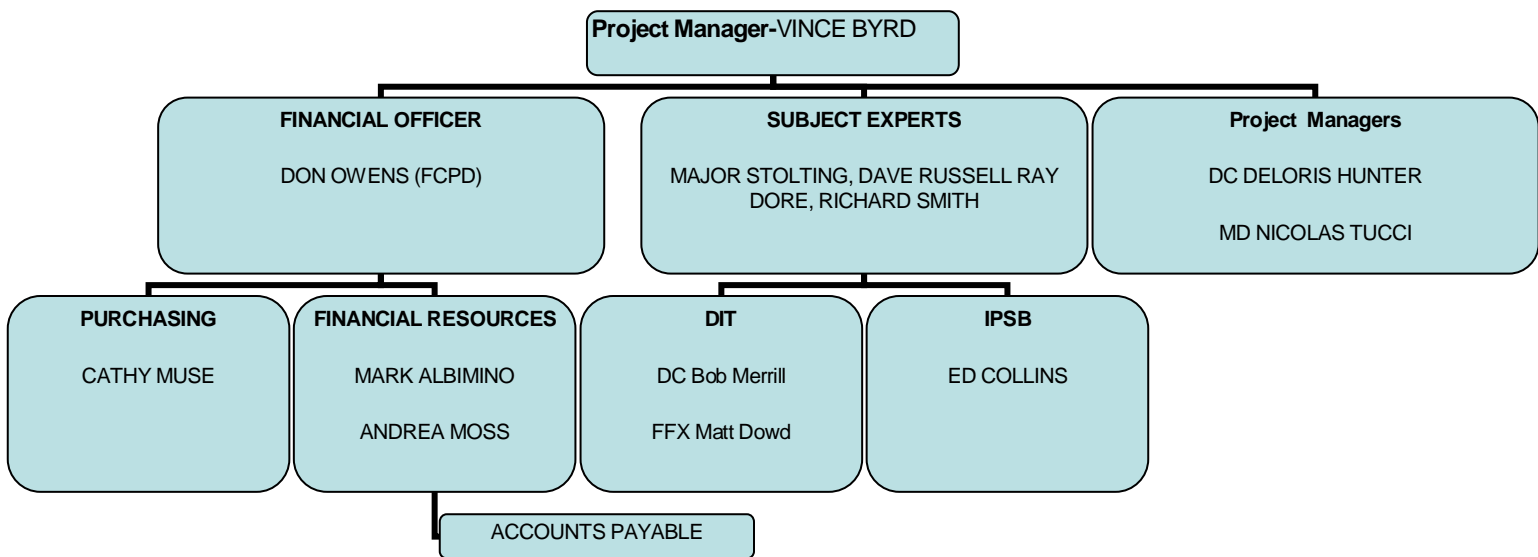
A. Activities

Insert a list of the work activities you will perform to complete the project. Here is an example of typical activities:

- Currently, a requirements document (rough draft) is in place and on going conversations are occurring but will not be complete until funding is appropriated
- Complete FY 2005 Automated Fingerprint System with NCR
- Meet with Harris County and Pinellas County Officials in order to determine strengths and weakness to provide the NCR with best system possible
- Finalize requirements document
- Obtain approval of Purchasing Agencies
- Establish Memorandum of Understanding for the NCR

- Each jurisdiction must identify legal issues pertaining to their locality
- Install essential equipment and software to bring the entire NCR to the same technical capabilities
- Conduct Training for all participating agencies in the NCR
- Utilize Train the Trainer system
- Create working group to collect data from arrests or identification of unknown individuals
- NCR recognition of complete project and enhanced technology/crime prevention tool
- Perform exercise with minimal units prior to implementation
- Complete implementation
- Quarterly update to the NCR, Chief's of Police and Homeland Security

B. Resources



C. Deliverables

First priority will be to complete the NCR regional interoperability by purchasing and installing the MugShot system for Montgomery County Maryland.

Requested in the grant funding is the purchase of wireless cards for the NCR. These cards will allow the user to transmit or receive MugShots and Biometric data (fingerprints) while on the scene of an event or when stopping a person of interest.

Montgomery County MugShot System

Server	466,029
MugShot Station	8,749
Browser License/5	100,000

Facial Matching	59,000	
Total Montgomery Project Costs		633,779
Fairfax County Mobile System Install/Hardware/Units		
BIS Gateway Server/50 Licenses	259,800	
MCD Messaging Server/50 Licenses	221,892	
BIS Mobile Software Licenses/50	25,000	
BIS Mobile Capture Stations	85,000	
Docking Stations	85,000	
Total Fairfax Project Costs		676,692
The same features for MPDC		676,692
The same features for PG/MONT County		676,692
Mobile AFIS Costs		2,663,855
Phone cards for 24 month period -150 units	336,145	
Total Project Estimate		3,000,000

B. Next Steps

Once the FY2005 upgrade is complete, it is anticipated that Law Enforcement Agencies in the area will host an event to recognize the new technology as well as allow the citizens of the NCR to see the new capabilities of the system.

The FY2006 funding will be handled in the same manner, however, this project is a crime prevent tool and eagerly anticipated. If the funding is obtained, it is expected this will be a major news event.

VIII. Project Methodology

A. Project Dependencies

Thinking about dependencies, like the examples below, will identify where the availability of resources could affect your success. Example: financial or human assets that support your project.

Question	Yes or No (If yes, please describe how)
Does this project conflict or compete for resources with any other project?	No
Does any other project depend on this project?	Yes, we envision incorporating with the LINX system. The LINX system will be able to utilize the Facial component.

Question	Yes or No (If yes, please describe how)
Are there any other important dependencies that will affect this project?	

Project Asset - defines the resources – financial and human - required to support the successful execution of the plan, along with a high-level estimate of the resources and costs for implementing the project.

Project Plan

Intelligence Analysts II

Contact Information

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Project Information: Intelligence Analysts II

Period of Performance: January 2007 – January 2008

Grant Award: \$1,257,675, Fiscal Year 2006

Related Documents: Concept Paper

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IX. Project Summary

This initiative will allow the continued operation of a program that was first funded in the 2005 UASI Grant cycle, under the title of: Intelligence Analysts/Information Sharing. It allowed the NCR's three intelligence centers to hire analysts with pre-existing U.S. Government Security clearances, and with work experience in the Federal intelligence communities (IC). The report writing skills and familiarity with national information reporting requirements were what was lacking at the local level.

The analysts were divided up evenly between the National Capital Regional Intelligence Center (NCRIC), the Maryland Coordination and Analysis Center (MCAC), and the Metropolitan Police Departments Joint Operations Center (JOC).

The Fairfax County Police Department was able to complete the hiring process for the NCIC and the MPD JOC. The MCAC analysts were hired from an existing Maryland State contract. All six are currently in place and are providing finished intelligence products that have impact on their assigned jurisdictions.

The initiative is already in place, its working beyond its expectations in the NCR. These analysts complete detailed reports in a timely manner, any time something occurs in the world that may have an impact here. Some examples would include threats against the Metro, the fuel storage facilities or just by complying known and/or suspected tradecraft (techniques) used in casing (reported surveillance) of targets similar to those in the NCR.

In addition, the analysts provide real time operational case support on investigative leads as they are developed from all levels of government. The three intelligence centers provide them all source information data access, and having them linked virtually allows real time sharing of information, all of which is used by the CAO's for tactical and strategic planning purposes.

This represents a positive evolution in information sharing and data processing to the CAO's in Law Enforcement and Public Safety. It combines the strategic reporting skills of the analysts with all source data sets, provides an operational reach back in the form of local and Federal law enforcement and blends them into a product that is tactical in its daily applications

It reduces the high volume of data into a working report that has value in tactical operations and in long term strategic planning. We are safer because it has the potential to stop an attack or to help better plan how to use our finite resources.

X. Project Background and Goals

A. Project Background

The foundation for this project has already been laid. It addresses all aspects of the NCR Homeland Security Initiatives. It has built and will sustain an integrated effort to prepare for, prevent, protect against, respond to, and recover from all hazards threats or events, by way of information analysts and dissemination from all sources, at all levels of government, in a real time environment. The three centers meet the DHS Target Capability and Performance Measures for Fusion Centers, the contract analysts are how they meet the reporting requirements.

The analysts are in place, producing daily finished intelligence products for police, fire and emergency management in the NCR. They have met the goals of the 2005 funding. The 2006 goals are:

NCR Strategic Initiatives	DHS Target Capabilities & Performance Measures
<ul style="list-style-type: none"> • 2.1.1 Establish regional protocols and systems for developing and distributing emergency information • 3.2.3 Improve the region's risk- and performance-based approach to critical infrastructure/key resources (CI/KR) protection, while ensuring that consistent process and definitions are being used throughout the region. • 4.2.1 Develop coordinated and standardized protocols for mandatory notification of regional partners during an emerging incident to maintain situational awareness 	<ul style="list-style-type: none"> • The analysts will merge data and information for the purpose of analyzing, linking and dissemination of timely actionable intelligence with an emphasis on the larger public safety and homeland security threat picture. • This intelligence function will focus on the consolidation of analytical production among the three NCR intelligence centers, and it Federal, State and local partners. • This capability includes the examination or raw data to identify threat pictures, recognize potentially harmful patterns, or connects suspicious links to discern potential indications or warnings. • The NCR has already established three multidisciplinary, all source information/intelligence fusion centers. These analysts will continue to bolster the "all hazards" and "all crimes" approach. • The Analysts will support the fusion center process and capabilities. They are teamed with individuals that have the appropriate training and expertise to handle the receipt, analysis and dissemination of intelligence. • The analysts will integrate and analyze relevant information/ intelligence on current threats and identify future concerns. The overview and access will be global, the focus will be the NCR. • The analysts will continue to develop and refine analytic intelligence products that are consumer

	<p>tailored, clear, objective and support the development of performance driven, risk based prevention, protection and response programs at all levels, i.e., finished intelligence products in real time and region specific format.</p> <ul style="list-style-type: none"> ● All three NCR intelligence centers will provide monthly status reports in the form of finished intelligence products, to include alert notifications and strategic reports.

B. Goals and Outcomes

Describe your project goals and the outcomes for each in the table below. We have added an example; please delete it before you add yours.

Goal	Outcomes
Establish electronic connectivity between all three centers	<ul style="list-style-type: none"> ■ installed common operating systems (already in progress) ■ Established alerting/reporting protocols ● Standardized templates and reports formats
Develop a protocol for de-classifying Federal information for release at the Sensitive but Unclassified (SBU) level	<ul style="list-style-type: none"> ● More accurate reporting, specific to the NCR

C. Project Managers

Name Lieutenant Roger Kelly, Fairfax County Police
 Criminal Intelligence Division
 Coordinator/ NCRIC

D. Project Assumptions

Item Number	Description	Notes
1	Funding will off set some connectivity cost. i.e.	Requires full amount of grant

Item Number	Description	Notes
	computers, phone lines, software licenses	request
2	Finished intelligence products prove on-going value to CAO's	Member jurisdictions provide feedback
3	All source data sets are available	Member jurisdictions allow access to data sets
4	Common reporting/alerting protocols can be established	Informally already done, formal MOU's pending

Scalability

This project is already running at a bare bones minimum. To be fully functional it has always needed support staff beyond what was allotted. For instance, the inclusion of an information technology program manager would have made the electronic operability a lot less problematic. These six positions represent only two additional bodies per the two States and the District of Columbia. The only reason it has meet the success thus far is directly attributable to the dedication of all involved.

XI. Project Approach

A. Activities

- Meet with contract provider and ratify the contract for an additional years services
- Meet with CAO's in the NCR
- Conduct a needs and customers satisfaction survey
- Amend changes to products and/or business practices compliant to constructive criticism

B. Resources

Resource Name	Type	Responsibility	Duration
None required			

C. Deliverables

Deliverable	Delivery Date	Estimated Cost
Notify MCAC of the award and availability of funding for an	10-1-06	\$4000,000

additional year and \$9,000 for office expenses		\$9,000
Ratify a new contract for the remaining four analysts	04-01-07	\$800,000
Purchase office equipment/supplies and software licenses for four analysts	04-01-07	\$18,000
Establish complete virtual connectivity between three centers	08-01-07	\$0
Conduct a NCR customer survey on use/role of intelligence analysts and the finished products	02-02-07	\$0

XII. Project Methodology

A. Project Dependencies

NONE

B. Project Risk Assessment.

1. Scope

The project will ensure the continual development in the type and use of "all source" information into finished intelligence products for the CAO's in the NCR.

The Fairfax County Police Department will act as the agent for the NCRIC and the MPD JOC. The State of Maryland will administer its portion for the MCAC.

2. Budget

*Six Analysts \$1,200,000
Computers, Software licenses , incidentals \$27,000*

3. Timeline

N/A, the program is in place already, this will just allow it to continue

4. This initiative meets and/or exceed all DHS and NCR Strategic initiatives as it pertains to Information Sharing. It puts the NCR well a head of the curve and will ensure our decision makers get the information they need at all phases, before, during and after an event. The lessons learned can be directly applied to all facets of criminal information and hazards, preventing, mitigating and preparing for the next critical situation.

Project Plan

Maryland Natural Resources Police Project Proposal/Funding Request National Capital Region-Urban Areas Security Initiative Grant (UASI)

Contact Information

Contact name: Lieutenant Colonel Kenneth Ziegler

Title: Deputy Superintendent, Maryland Natural Resources Police

Organization affiliation: Maryland Natural Resources Police

Jurisdiction: Maryland Natural Resources Police has Statewide law enforcement jurisdiction. Through a Memorandum of Agreement with the U.S. Coast Guard, M.N.R.P can also make arrests for violations of federal safety or security zones.

E-mail address: kziegler@dnr.state.md.us

Phone number: 410 260 8881

Facsimile number: 410 260 8878

Mailing address: 580 Taylor Avenue Annapolis Maryland 21402

Project Information: NCR Maritime Security Initiative

Period of Performance: Fall 2006 to Fall 2007

Grant Award: \$ 476,836.96, Fiscal Year 2006

Related Documents: See attached schedule A

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XIII. Project Summary

This is a proposal to enhance the Maryland Natural Resources Police (MNRP) capabilities for providing Homeland Security and Law enforcement on the Upper Potomac River in the Maritime approach to the Nation's Capital.

The MNRP requests \$476,836.96 to purchase two state-of-the-art patrol vessels to conduct Homeland Security maritime patrols, law enforcement and search and rescue operations on the Upper Potomac River. The additional funding will be used to purchase needed communication and Mobile Data Terminal equipment for the MNRP Station being built in the National Harbor complex. This funding is critical to many of the Nations homeland security priorities (Critical Infrastructure Protection, Interoperable Communications) and it will enable MNRP to prevent and respond to acts of terrorism in the NCR on the Upper Potomac River.

MNRP is designated as Maryland's lead law enforcement agency for maritime incidents. Funding MNRP is a high priority in the AMS plan. As indicated in the Maryland Maritime Strategic Security Plan, since MNRP has been designated the lead for maritime homeland security on Maryland waterways which includes the entire Potomac River, it is critical that the agencies fleet support both routine patrol and emergency response capabilities year round.

XIV. Project Background and Goals

A. Project Background

The National Harbor project is a planned development in Prince George's County that will bring about a significant increase in marine activity to this portion of the NCR. The project is located on the Potomac River, south of the Woodrow Wilson Bridge. The development includes a deepwater port, marina for pleasure boats, facilities for excursion boats, hotels and condominiums. Half of all hotel rooms in Prince George's County will be located in this complex. Approximately 200,000 square feet of retail space will also be included in the complex. This project will result in a tremendous increase in boating activity over what currently takes place in the area.

The National Capital Region (NCR) is a confederation of jurisdictions in Maryland, Virginia, and Washington DC. These jurisdictional boundaries create gaps in securing the waterborne approach to Washington D.C. The State of Maryland owns the Potomac River from her shores to 10 feet from the low water mark of Virginia. The District controls the Potomac North of the Woodrow Wilson Bridge. Several federal agencies have some jurisdiction in the area. Since everybody owns it, nobody owns it, so protective investment in securing the maritime approaches to our nation's capital has been inconsistent. In addition to the seat of the federal government, the Potomac has several transportation links that are critical to the region, including the Harry W. Nice Bridge (US 301 from S. MD to VA), Woodrow Wilson Bridge (I95/I495 DC Beltway Potomac Crossing), 14th Street Bridge (in DC, near National monuments, Federal Offices, Reagan Airport) and more. Securing the waterborne approaches to our Nation's Capital and its critical infrastructure is a vital priority.

In addition, there are several high value military installations in the Potomac watershed, including the Bolling Air Force Base, which is home to the Defense Intelligence Agency, the White House Communications Agency and the fleet of Presidential helicopters, The Pentagon, Coast Guard Headquarters, the Washington Navy Yard, and more.

Maryland’s Natural Resources Police (NRP) is the oldest continuously operating state police force in Maryland. It is Maryland’s statutory maritime law enforcement agency. MNRP has a station being built in conjunction with the National Harbor project, which is within two miles of the Woodrow Wilson Bridge. MNRP can patrol and secure the southern approach to the Wilson Bridge and Nation’s Capital from this station, but lacks appropriate state-of-the-art vessels to do so adequately.

On May 16,2006 MNRP participated in the Area Maritime Security Training and Exercise Program. During operation Iron Keel MNRP worked with several area agencies and USCG solving homeland table top scenarios that may effect the Washington area. We plan to continue further coordination with these and other agencies.

NCR Strategic Initiatives	DHS Target Capabilities & Performance Measures
<ul style="list-style-type: none"> 3.1.1 Develop a prevention and mitigation framework for the region 	Citizen protection Search and Rescue On-Site Incident Management Public Safety and Security Information Collection and threat Detection Intelligence Fusion and Analysis Terrorism Investigation and Apprehension CBRNE Detection-maritime threat Critical Infrastructure Protection

B. Goals and Outcomes

Describe your project goals and the outcomes for each in the table below. We’ve added an example; please delete it before you add yours.

Goal	Outcomes
Immediate response to waterborne threat, and provide the opportunity for substantial offensive attack on terrorist agents if required to engage. Otherwise, act as a deterrent policing the area, monitoring and enforcing daily activity.	Station two 25' Boat w Cabin, Twin outboards and trailer. Install Mobile Data Terminal equipment 24/7/365 Prevention and Response capability that does not exist present.
General increase patrol and maritime presence in the area	Additional officers to be assigned in the area once patrol assignment and equipment have been established

Other discussion you may choose to cover includes relevant portions of your Concept Paper

C. Project Managers

Let us know who has responsibility for ensuring the goals and objectives of this project are met. Please list them using the following format.

Captain G. Adrian Baker MNRP Captain, Homeland Security

D. Project Assumptions

It is appropriate to list assumptions your team is operating under which guide decision making, priorities, resource engagement, etc. The table below provides an example of assumptions a Team may make in the course of planning a project. The Team will periodically revisit the assumptions list to determine if the assumption is still valid and if there are any new items to include on the list.

Item Number	Description	Notes
1	Award grant	Requires equipment purchase
2	Delivery of equipment	Confirmation and preparedness
3	Initiate and complete training and specific area tasks	Upon delivery

Item Number	Description	Notes
4	Activation	Redeployment of staff

1. Scalability

Keeping in mind that the allocated project funding is 40 percent of the requested funding, we need to understand the scalability of your project: Can you still partially mitigate the threat if you receive partial funding, or must the project be funded in total to achieve any value.

Project could be viable with partial funding to purchase one boat. With only one vessel area of coverage will be greatly limited.

XV. Project Approach

Now that we know what you want to accomplish, we'd like to understand in greater detail how you'll accomplish the project. Effectively completing this section will likely determine whether you succeed; it's also the section we most closely scrutinize before issuing sub-grants.

A. Activities

Insert a list of the work activities you will perform to complete the project. Here is an example of typical activities:

- Apply for grant June 2006
- Grant approval and equipment delivery 2007
- Train officers and deploy 2007
- Participate in future drills and coordinate with area law enforcement indefinite
- Complete status reports as per project requirement as required

You may choose to present the material as timeline with work activities, target dates, and expected deliverables. Remember monthly status reports are required by terms and conditions in the award of the funding.

B. Resources

Tell us about the resources you'll need: People, facilities, and equipment. (Budget is included in the next section.) For each resource, complete the adjacent columns in the same row.

Resource Name	Type	Responsibility	Duration
(2) 25 foot vessels	25' Safe Boat	Mr Doug Iman Chief of Marine Services	Project Duration
Mobile Data Terminals	Tough Book	Mr Ed Ryan	Project Duration

Organization charts are an effective way to convey how your project team is organized.

C. Deliverables

Include a list that identifies each deliverable, a description, and the estimated cost. Again, we've included a table to make your life easier:

Deliverable	Delivery Date	Estimated Cost
2 Safe Boats	2007	\$389,642.96
Mobile Data Terminals and phone equipment	2007	\$87,194.00

Ensure you include all deliverables promised in your Concept Paper, grant application, and other commitments from stakeholders and sponsors.

Monthly status reports are required by terms and conditions in the award of the funding.

D. Next Steps

If appropriate, spell out next steps following the completion of the project. For example, you may want to set expectations for acquiring additional funding, or presenting the findings or outcome of the project to a specific group, or a media campaign to announce the project completion.

XVI. Project Methodology

For complex projects we ask that you complete the sections below.

A. Project Dependencies

Thinking about dependencies, like the examples below, will identify where the availability of resources could affect your success. Example: financial or human assets that support your project.

Question	Yes or No (If yes, please describe how)
Does this project conflict or compete for resources with any other project?	no
Does any other project depend on this project?	no
Are there any other important dependencies that will affect this project?	no

Project Asset - defines the resources – financial and human - required to support the successful execution of the plan, along with a high-level estimate of the resources and costs for implementing the project