



**ILLINOIS  
CRIMINAL JUSTICE  
INFORMATION AUTHORITY**

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**Supplemental MEMORANDUM**

**TO:** Budget Committee Members

**FROM:** Wendy McCambridge, Associate Director, Federal and State Grants Unit

**DATE:** July 29, 2013

**RE:** **ARRA09 Justice Assistance Grants (JAG) Plan Adjustment #20**

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Village of South Barrington, Data Exchange Coordinating Initiative

Staff recommends that \$103,000 in ARRA09 funds be designated to the Village of South Barrington so that the village can partner with the Cook County State's Attorney's Office in an effort to support the Cook County Regional Organized Crime Task Force in developing a multi-jurisdictional information sharing system. Further details regarding this designation are provided in the attached Grant Recommendation Report.

**BUDGET COMMITTEE GRANT RECOMMENDATION REPORT**

<b>Projected Designation Date</b>	<b>01 Aug 13</b>	<b>Total months of funding including this designation</b>	<b>2</b>
<b>Funding Source 1</b>	ARRA JAG	<b>Funding Source 1 Amount</b>	\$103,000
<b>Funding Source 2</b>		<b>Funding Source 2 Amount</b>	
<b>Required Match % of Designation Total</b>		<b>Recommended Maximum Designation Amount</b>	\$103,000
<b>Implementing Agency</b>	Village of South Barrington	<b>Program Agency</b>	Cook County Regional Organized Crime Task Force
<b>Program Title</b>	Data Exchange Coordinating Initiative	<b>Project Name (if applicable)</b>	CCROC Data Exchange
<b>Purpose Area (JAG only)</b>	Planning, Evaluation and Technology Improvements	<b>Formula Category (if applicable)</b>	

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**Program Summary** *(State the problem and supporting data; identify target population and intended consequences)*

On 21 Jun 13, the Village of South Barrington was awarded \$36,000 to secure technical assistance on behalf of the Cook County Regional Organized Crime Task Force. The purpose of the technical assistance was to assist CCROC in planning for the development of a multi-jurisdictional information sharing system that uses Global Reference Architecture and NIEM compliance. The TA was provided to CCROC during the week of July 8<sup>th</sup>. A final report is forthcoming; however, a preliminary report indicates that CCROC.

Based on the assessed needs, staff recommends designating \$102,000 to the Village of South Barrington to continue the initial CCROC goals for creating this information sharing environment.

In summary, CCROC will need to analyze their current applications and data bases to identify a common incident schema with its task force member agencies. Additionally, CCROC will need to identify all additional exchanges being made with external task force stakeholders. Finally, an analysis of the engine and case management system is needed. CCROC does not have the capacity to perform the recommended work with its internal resources and must retain expert consultants to achieve its goals. CCROC will retain professional services that will conduct the document the following activities:

1. Review documentation regarding the overall criminal justice business rules and forms in use in CCROC for the purpose of documenting information exchanges among stakeholders and developing a Service Specification Package (SSP) for a priority exchange.

At this time, the Village of South Barrington and/or CCROC have not identified a specific consultant. It is possible that the work recommended in this funding opportunity be re-prioritized by their selected consultant. Given the time restraints on the use of this funding, staff requests flexibility to allow for work not detailed in this recommendation as

long as that work is focused on efficiently helping CCROC achieve its goals of creating a GRA/NIEM based information sharing environment. Staff will closely monitor all proposed work to ensure the desired outcome.

The Cook County State's Attorney Regional Organized Crime Task Force (CCROC) is a private/public partnership that was created to investigate organized criminal enterprises. Organized Criminal Enterprises include groups, gangs and sometimes individuals who are engaged in all types of financial crimes including organized retail crime, credit card fraud, bank fraud, counterfeit prescription drugs, identity theft, intellectual property crimes, cargo theft, fencing and money laundering. The task force is comprised of more than 140 local, state and federal law enforcement agencies and more than 100 combined corporate retail and banking partners from the Cook County region.

CCROC was created to facilitate accurate, timely and meaningful information sharing between law enforcement and those within the private sector that are most affected by organized criminal enterprises. This approach has led to more efficient and effective prevention, investigation and prosecution of organized enterprise criminals. Real-time data exchange is essential to the CCROC stakeholders' ability to successfully achieve their mission. CCROC has outgrown the usefulness of its secured, members-only, website database and is in need of a sophisticated architecture that can integrate stakeholders through a records management system with mapping, de-confliction and analytics capabilities; as well as, receive or push information for Suspicious Activity Reporting, LEADS, N-Dex and other criminal justice information exchange systems.

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**Goals, Objectives and Performance Measures** *(Goals are a broad statement of what will be achieved. Objectives are specific, measurable outcomes of the project. Objectives have a timetable for completion. Provide any available data to illustrate your program's past/current performance.)*

**Goal 1: Conduct Exchange Analysis Meetings**

Objective	Performance Indicator
Conduct 3 Exchange Analysis Meetings by August 30, 2013	<ul style="list-style-type: none"> <li>The number of exchange analysis meetings conducted by August 30<sup>th</sup>.</li> </ul>

**Goal 2: Analyze and Prioritize Exchanges**

Objective	Performance Indicator
Conduct an Exchange Analysis and Prioritization Documentation by September 15, 2013	<ul style="list-style-type: none"> <li>A completed analysis &amp; prioritization report completed by September 15, 2013</li> </ul>

**Goal 3: Develop Service Specification Package for one priority exchanges**

Objective	Performance Indicator
Create Service Specification Package for Exchange Priority #1 by September 30, 2013	<ul style="list-style-type: none"> <li>A completed SSP for Exchange Priority by September 30, 2013</li> </ul>

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**Activities & Tasks** *(Describe what will be done. Who will do it? How will it be done? Where? When?)*

The activities and tasks to be performed will be completed by selected technical experts. These tasks and activities will follow the details as provided in the goals and objectives. All work will be performed within DuPage County and will be completed by September 30, 2013.

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**Evidence Based / Promising Practices** *(Describe any EBP/PP incorporated within your program strategy)*

This project will follow the following practices:

**Global Reference Architecture**

In 2004, the U.S. Department of Justice's GLOBAL Infrastructure/Standards Working Group endorsed Service-Oriented Architecture (SOA) as a recommended strategy for integrating justice information systems. SOA continues to serve as the recommended strategy as it promotes the sharing of information in a manner that maximizes the ability of partners to change business processes and technology solutions rapidly and at minimum cost. It also gives justice partners a set of tools that allow them to share infrastructure by identifying where interoperability is important; thus, enabling them to make smart investments. The SOA offers the promise of an over-arching umbrella framework that demonstrates how all of GLOBAL'S work products fit together as a cohesive approach to improving information sharing.

The GRA is a description of the important concepts in a justice information sharing architecture and of the relationships between those concepts. The GRA also identifies, at a high level, the kinds of components (software systems, hardware infrastructure, policies, practices, intersystem connections, and so on) necessary to bring those concepts to life in a particular context. The GRA is not specific enough to govern the implementation of any individual software system implementation; rather, it is a framework for guiding implementations in general, with the aim of standardizing or harmonizing certain key aspects of those implementations to support reusability or interoperability.

**National Information Exchange Model (NIEM)**

NIEM is a partnership of the U.S. Department of Justice, the U.S. Department of Homeland Security, and the U.S. Department of Health and Human Services. It is designed to develop, disseminate and support enterprise-wide information exchange standards and processes that can enable jurisdictions to effectively share critical information in emergency situations, as well as support the day-to-day operations of agencies throughout the nation.

NIEM enables information sharing, focusing on information exchanged among organizations as part of their current or intended business practices. The NIEM exchange development methodology results in a common semantic understanding among participating organizations and data formatted in a semantically consistent manner. NIEM will standardize contact, provide tools, and managed processes.

Special conditions that require the grant recipient to follow GRA and NIEM solutions and tools will be attached to this funding.

**Budget:** Total projected match and federal program costs. (The budget details below are proposed, initial estimates and subject to further review and adjustments)

Category	Description	Amount
Personnel		
Travel		
Equipment		
Commodities		
Contractual	Criminal Justice Information Sharing Exchange Planning	\$103,000
TOTAL ESTIMATED PROGRAM COSTS		\$103,000

Prepared by: Carter - ICJIA

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