

**IT Project Proposal Report - Detail**  
**Agency: 078 - COMM ON LAW ENFORCEMENT & CRIMINAL JUSTICE**  
**Budget Cycle: 2013-2015 Biennium**                      **Version: AF - AGENCY FINAL REQUEST**

**IT Project : Criminal Justice Information System**

**General Section**

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<b>City :</b> Lincoln		<b>NITC Score :</b>
<b>State :</b> Nebraska	<b>Zip :</b> 68509	

**Expenditures**

IT Project Costs	Total	Prior Exp	FY12 Appr/Reappr	FY14 Request	FY15 Request	Future Add
<b>Contractual Services</b>						
Design	0	0	0	0	0	0
Programming	0	0	0	0	0	0
Project Management	0	0	0	0	0	0
Data Conversion	0	0	0	0	0	0
Other	0	0	0	0	0	0
<b>Subtotal Contractual Services</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Telecommunications</b>						
Data	0	0	0	0	0	0
Video	0	0	0	0	0	0
Voice	0	0	0	0	0	0
Wireless	0	0	0	0	0	0
<b>Subtotal Telecommunications</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Training</b>						
Technical Staff	0	0	0	0	0	0
End-user Staff	0	0	0	0	0	0
<b>Subtotal Training</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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**Expenditures**

<b>IT Project Costs</b>	<b>Total</b>	<b>Prior Exp</b>	<b>FY12 Appr/Reappr</b>	<b>FY14 Request</b>	<b>FY15 Request</b>	<b>Future Add</b>
<b>Other Operating Costs</b>						
Personnel Cost	0	0	0	0	0	0
Supplies & Materials	0	0	0	0	0	0
Travel	0	0	0	0	0	0
Other	0	0	0	0	0	0
<b>Subtotal Other Operating Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Capital Expenditures</b>						
Hardware	0	0	0	0	0	0
Software	0	0	0	0	0	0
Network	0	0	0	0	0	0
Other	0	0	0	0	0	0
<b>Subtotal Capital Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL PROJECT COST</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Funding**

<b>Fund Type</b>	<b>Total</b>	<b>Prior Exp</b>	<b>FY12 Appr/Reappr</b>	<b>FY14 Request</b>	<b>FY15 Request</b>	<b>Future Add</b>
General Fund	0	0	0	0	0	0
Cash Fund	0	0	0	0	0	0
Federal Fund	0	0	0	0	0	0
Revolving Fund	0	0	0	0	0	0
Other Fund	0	0	0	0	0	0
<b>TOTAL FUNDING</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>VARIANCE</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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**IT Project: Criminal Justice Information System**

**EXECUTIVE SUMMARY:**

Criminal Justice Information System (CJIS) refers to a cooperative effort hosted by the Crime Commission with the participation of about 27 state and local entities. It is necessary to build ways for agencies to efficiently share criminal justice data. There is a great need for communication and sharing between systems as well as automating several key components of the criminal justice system in Nebraska. This has included the development of a secure data sharing portal called NCJIS which is the most visible project and what people often think of as the primary CJIS initiative. Other efforts include helping local agencies obtain standardized record systems, developing interfaces across stages in the CJ system and doing multi-state data sharing.

The primary purposes of CJIS are (1) to promote the sharing and availability of data among agencies, (2) to implement programs and systems that assist state and local agencies in the performance of their duties, and (3) to provide an inter-agency forum for issues.

NCJIS (the Nebraska Criminal Justice Information System, a secure online data portal providing access to a wide variety of state, local and federal data) has provided the thrust for goal 1 and will continue to be a cornerstone of CJIS operations and a component relating to other projects. It has grown in use since its inception in May, 2000 and is now considered to be one of the premier systems in the nation. NCJIS also acts to route data and serves as a hub for data sharing among agencies.

Goal 2 has largely been targeted through implementation of standard automation for local agencies as well as developing interfaces across systems. We have helped implement automation for jails, law enforcement and prosecutors as well as electronic citation software for locals and NSP.

CJIS efforts are ongoing and continue to evolve based upon need and available funding. Because NCJIS is at the core of the bulk of our efforts (either through a dominant search role or as a hub for data exchange) further comments in this proposal will focus on NCJIS.

**GOALS, OBJECTIVES, AND OUTCOMES (15 PTS):**

The primary purposes of the CJIS project are to (1) promote the sharing and availability of data among agencies, (2) implement programs and systems that assist state and local agencies in the performance of their duties, and (3) provide an inter-agency forum for issues. NCJIS has provided the thrust for goal 1 since May, 2000. We anticipate adding

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fuctionality as well as increasing the user base.

Goal 2 has largely been through implementation of standard automation for local agencies as well as developing interfaces across systems. We must continue to augment and enhance data enchanges across systems to mprove efficiencies of staff as well as through data integrity.

The CJIS Advisory Committee and Crime Commission act as a central hub for CJ data integration.

NCJIS has become a mission critical system and now has over 7,000 users. These include state and local Nebraska users as well as users from neighboring states and federal agencies. In 2011 over 5,000,000 searches were conducted. We started with a limited set of criminal justice data and have grown to includeextensive criminal data as well as data from related disciplines (DMV, DHHS, etc).

With the expanding functionality we also expanded our user base, creating NDEN (Nebraska Data Exchange Network) as a subset of NCJIS. THis is provided to non-CJ users who have limited access to certain datasets, primarily due to statutory restrictions.

Use will continue to be our primary outcome measurement for NCJIS, looking at both the number of users as well as the number of searches and page views.

For our general integration efforts we will monitor the number of applications implemented, interfaces implemented and measures such as timelines of transfer. (For instance, the amount of tiome to move citations electronically from law enforcement to prosecutors electronically as opposed to by paper.)

CJIS activities are integral to our IT plan as it has become an effort relied upon by criminal justice and related agencies.

The 1997-1999 biennium was the first for which the Crime Commission received general funds for CJIS activities. Since then CJIS has received an appropriation which has been the basis for basic operations and partial staffing.

While limited funds used for CJIS projects have come from the legislative appropriation to the Crime Commission the majority have come from federal funds. These federal funds are not necessarily ongoing sources for CJIS. While the Byrne funds and some NCHIP monies have been available on a year to year basis, there have been significant federal funds relating to domestic violence that the CJIS Advisory Committee made application for and has applied to specific projects, namely victim notification and the statewide protection order registry. The Byrne funds and NCHIP (usually granted to the Nebraska State Patrol) may not continue as possible funding sources. In fact, no NCHIP funds were available for CJIS initiatives the past few years. The cooperative approach to integration has meant cooperative approaches to funding as CJIS has also worked with DMV and others on projects.

**IT Project Proposal Report - Detail**  
**Agency: 078 - COMM ON LAW ENFORCEMENT & CRIMINAL JUSTICE**  
**Budget Cycle: 2013-2015 Biennium**                      **Version: AF - AGENCY FINAL REQUEST**

NCJIS (the Nebraska Criminal Justice Information System, a secure online data portal providing access to a wide variety of state, local and federal data) will continue to be a cornerstone of CJIS operations and a component relating to other projects. It has grown in use since its inception in May, 2000 and is now considered to be one of the premier systems in the nation. NCJIS also acts to route data and serves as a hub for data sharing among agencies.

The implementation of various commercial software packages for local agencies (jail, law enforcement, prosecutors) has improved the data available to local and state agencies. One ongoing priority is the integration of those programs across offices and functions so that data is transmitted efficiently and electronically. NCJIS will serve as an integration hub for these efforts across systems. One example is the collection of citation data at NCJIS, issued electronically at the roadside, and then being sent to the prosecutors and courts to eliminate duplicate entry and improve efficiency and accuracy.

Another example of the efficiency of NCJIS and cooperative nature of data sharing involves the fusion center effort of the State Patrol called the Nebraska Information Analysis Center (NIAC). Some NCJIS data is now being made available through the NIAC searching software to better facilitate one-stop searches for officers.

**PROJECT JUSTIFICATION / BUSINESS CASE (25 PTS):**

Although many state and local agencies have implemented automated systems, there is still a great need for communication and sharing between systems as well as automating several key components of criminal justice. As stated, the primary purposes of CJIS are (1) to promote the sharing and availability of data among agencies, (2) to implement programs and systems to assist state and local agencies in the performance of their duties, and (3) to provide a forum for issues.

These goals translate into two primary project goals: better access to data and implementation of integrated justice. Better access to data is primarily achieved through NCJIS ( Nebraska Criminal Justice Information System - a secure browser based data portal that allows access to various databases for authorized agencies). Integrated justice captures data as an event occurs and moves it through the criminal justice cycle, decreasing repeated data entry and allowing for greater efficiencies. Cornerstones for this have included improving automation systems of state and local agencies as well as implementing data transfers across systems. NCJIS is now also being used as a hub for these data transfers.

With over 7,000 users and over 5,000,000 searches conducted in 2011, an ongoing priority is the maintenance and enhancement of NCJIS (the criminal justice data portal that currently provides access to a broad range of criminal and related data). There continues to be enhancements to functionality as well as additional available datasets. Data recently added includes citations from the State Patrol, accident report data and images (maintained by the Department of Roads) and enhancements to child abuse reports made available by the Department of Health and Human Services. These last two reflect ongoing efforts resulting from changes to their systems but, perhaps more significantly, partnership with non-criminal justice entities. We also now provide an access point for systems for juvenile diversion case management systems as well as NSP's CODIS (DNA tracking).

NCJIS continues to provide a wide variety of criminal justice and related data to a disparate set of users. The data is restricted based upon statutory or policy mandates. We are also working with the Nebraska State Patrol on the Nebraska Information Analysis Center (NIAC) and provide data in this fusion center role. A limited view of NCJIS, called NDEN,

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provides limited access to non-criminal justice users such as the Department of Health and Human Services and the Child Advocacy Centers.

We will also continue to explore data sharing with other states. Nebraska has participated in an effort called CONNECT with Wyoming, Kansas and Alabama to develop and implement portal level data sharing. This projects has established the possibility to securely access data with surrounding states. We will continue to pursue this objective and expand on the daata being shared.

It can be difficult for local agencies to identify, acquire and implement software that meets both local operational needs as well as state reporting and integration requirements. To assist agencies CJIS has sponsored the deployment of systems for jails, prosecutors and law enforcement. These have been primarily targeted at small and medium sized agencies. However, they have provided platforms that we could use and contract with to develop and implement standard interfaces across disciplines (such as police to county attorneys). These efforts have also followed national standards.

Another substantial effort continues with the implementation of electronic citations for state and local law enforcement agencies. By providing hardware and software this enhances the process for both the driver and the officer while also laying the basis for enhanced electronic data sharing. This project continues to demonstrate the need for standardization and assistance across levels of government. While agencies have their own automation and needs the exchange of information must be coordinated across agencies. Additionally, local agencies often lack the technical expertise to acquire, implement and integrate automation across disciplines. Leadership from the state and assistance in acquisition provides for common exchanges and minimizing costs.

In the 2013-2015 biennium, we will continue to build on the electronic citation groundwork. This will allow for the automated transfer of data from law enforcement to other criminal justice partners including prosecutors and the courts. NCJIS will be a key component of these enhancements in moving the data securely and in a timely manner. The maintenance and enhancement of NCJIS will, of course, continue as a priority. New datasets will be explored as allowable by policy and funding.

A key transaction that we anticipate working with the Supreme Court on will be the implementation of electronic filing of criminal and traffic cases by the County Attorneys. This can have a significant impact on the processes, automation and workflow for law enforcement, prosecutors adn the courts. By reducing or eliminating paper filing we should see decreases in processing time, data errors and isolated processes.

There hs been an evolving effort through the federal and local level on the implementation of standards for data sharing. We will continue to incorporate these into our efforts. These provide technical guidelines (e.g. SOA, GRA, NIEM/xml) as well as better interaction with vendors.

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**Agency: 078 - COMM ON LAW ENFORCEMENT & CRIMINAL JUSTICE**  
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**TECHNICAL IMPACT (20 PTS):**

NCJIS has recently upgraded to the OCIO's virtual environment, incorporating SAN use with a dedicated SQL server. If workload increases we anticipate being able to scale our environment easily. We also upgraded our database software to a more recent version of SQL. We do not anticipate major changes in the next biennium. We will remain as a web-based portal and continue to incorporate NITC as well as federal requirements and guidelines. This has allowed us great flexibility in our development while maintaining a secure environment across users and systems.

Efforts to improve local automation have included upgrading their systems (as grant funding allows), either with software or updated hardware. By helping with initial acquisition of hardware and software we have been able to drive standards as well as implement standardized interfaces across systems.

Overall we have adopted Microsoft technologies for development and implementation. This has provided a way for us to have some technical interaction with local agencies, many of whom do not have technical support. We also will continue to examine web-based applications that can be implemented and supported within the state infrastructure to provide stable and cost efficient alternatives for smaller agencies. Establishing cost systems for smaller agencies must be a consideration.

**PRELIMINARY PLAN FOR IMPLEMENTATION (10 PTS):**

As stated, this effort and projects that have been mentioned are ongoing. We will continue with the current and discussed projects as well as react to needs as they are identified.

Additionally, new tasks (whether they be NCJIS enhancements or new interfaces across systems) can be set by statutes or operational priorities but are often driven by the availability of grant funds and the priorities of those funding sources. As such, we cannot identify milestones at this time.

Our primary goal is the continued operation of NSJIS, though.

The Crime Commission will continue as the project sponsor and pursue external funding but the true integration of criminal justice requires a cooperative approach of all of the main entities. The Chief of Information Services (Overton) is dedicated half time to CJIS and we have one full time staff person. We contract for development of NCJIS and will continue to that via a competitive award for services.

**RISK ASSESSMENT (10 PTS):**

As with many projects, funding is an ongoing concern for project continuance and enhancement. The bulk of efforts in the CJIS umbrella are done with grant funds. Even our full time staff person within the Crime Commission is paid for with grant funds. We have always tried to do development with an eye toward having to use the appropriation as a baseline and minimal sustaining fund if other funding sources went away. This could cripple the overall use or timeliness of efforts, however.

Significant development and enhancements are often driven by grant funds. While ancillary initiatives such as CONNECT might have to be suspended if funding were cut, basic search functions and enhancements for needed functionality must be sustained.

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**Budget Cycle: 2013-2015 Biennium**                      **Version: AF - AGENCY FINAL REQUEST**

It must be noted that federal grant funds have shrunk considerably in recent years. We anticipate the availability of funds to diminish over the next few years.

Aside from funding for projects and operations an ongoing general concern is consistent staffing. Training, support and everyday monitoring require ongoing staffing. Development work has been done under contract since 1999. This has allowed for acquiring programming resources as funding increases and funding is available. Staffing ongoing operations has been absorbed through the existing limited staff of the Crime Commission, mainly funded by grants. This will continue to be an issue and concern.

**FINANCIAL ANALYSIS AND BUDGET (20 PTS):**

The budget is approximated, projected on available funding and the possibility of consistent project approach and grant project areas.

We anticipate federal grant funds to be decreasing over the next few years.



Nebraska Information Technology Commission  
Project Proposal Form  
Section 8: Financial Analysis and Budget

(Revise dates as necessary for your request.)

	Estimated Prior Expended	Request for FY2014 (Year 1)	Request for FY2015 (Year 2)	Request for FY2016 (Year 3)	Request for FY2017 (Year 4)	Future	Total
1. Personnel Costs	\$ 127,314.00	\$ 127,314.00	\$ 127,314.00				\$ 381,942.00
<b>2. Contractual Services</b>							
2.1 Design	\$ 50,000.00	\$ 25,000.00	\$ 25,000.00				\$ 100,000.00
2.2 Programming	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00				\$ 900,000.00
2.3 Project Management	\$ 50,000.00	\$ 25,000.00	\$ 25,000.00				\$ 100,000.00
2.4 Other	\$ 355,289.00	\$ 105,289.00	\$ 105,289.00				\$ 565,867.00
3. Supplies and Materials	\$ 600.00	\$ 600.00	\$ 600.00				\$ 1,800.00
4. Telecommunications	\$ 4,484.00	\$ 4,484.00	\$ 4,484.00				\$ 13,452.00
5. Training							\$ -
6. Travel	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00				\$ 9,000.00
7. Other Operating Costs	\$ 59,800.00	\$ 59,800.00	\$ 59,800.00				\$ 179,400.00
<b>8. Capital Expenditures</b>							
8.1 Hardware							\$ -
8.2 Software	\$ 2,600.00	\$ 2,600.00	\$ 2,600.00				\$ 7,800.00
8.3 Network							\$ -
8.4 Other							\$ -
<b>TOTAL COSTS</b>	\$ 953,087.00	\$ 653,087.00	\$ 653,087.00	\$ -	\$ -	\$ -	\$ 2,259,261.00
General Funds	\$ 142,453.00	\$ 142,453.00	\$ 142,453.00				\$ 427,359.00
Cash Funds							\$ -
Federal Funds	\$ 810,634.00	\$ 510,634.00	\$ 510,634.00				\$ 1,831,902.00
Revolving Funds							\$ -
Other Funds							\$ -
<b>TOTAL FUNDS</b>	\$ 953,087.00	\$ 653,087.00	\$ 653,087.00	\$ -	\$ -	\$ -	\$ 2,259,261.00