

**Juvenile Offender Management Information System
Software Upgrade**

**FY2007 Request: \$299,200
Reference No: 39872**

AP/AL: Appropriation **Project Type:** Information Systems
Category: Health/Human Services
Location: Statewide **Contact:** Larry J. Streuber
House District: Statewide (HD 1-40) **Contact Phone:** (907)465-1870
Estimated Project Dates: 07/01/2006 - 06/30/2011

Brief Summary and Statement of Need:

This capital request will increase the quality and accuracy of data entered into the juvenile offender database by developing additional data edits that incorporate a range of the division's system improvements that are critically linked to public safety decision-making.

Funding:	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>Total</u>
Gen Fund	\$299,200						\$299,200
Total:	\$299,200	\$0	\$0	\$0	\$0	\$0	\$299,200

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Additional Information / Prior Funding History:

In 2001, the division used federal money that was allocated specifically for the development of the juvenile offender management information system (JOMIS) . The division spent \$1,780,655 in federal funds and \$37,014 in general funds to develop this database.

Project Description/Justification:

Information Technology Capital Project Review Form FY2007

1. Has this project been previously approved? Yes

If yes, and there are no significant changes to funding amounts or technologies there is no need to continue with this form. Please copy last year's final capital budget back-up here as your submission for FY2007.

2. What is the purpose of the project?

- **This capital request will increase the quality and accuracy of data entered into the juvenile offender database by developing additional data edits that incorporate a range of Division of Juvenile Justice (DJJ) system improvements that are critically linked to public safety decision-making.** An example would be building in specific edits for fields such as Date of Birth, Offense Date, Referral Date, Case Action Date, Supervision End Date, etc., to check that the dates meet certain criteria (i.e., the DOB is at least five years prior to today's date; the Supervision End Date is a future date; the offense date is prior to the referral date).

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- **Ensure that important community safety decisions are made based on correct information.** The DJJ detention assessment instrument (DAI) relies on the ability to accurately review a juvenile's criminal history, dates that offenses occurred, and whether the charge is a technical probation violation or a new criminal charge. All of this information weighs heavily into the decision of whether to securely detain a juvenile and his/her level of risk to the public. The capital request will ensure that the information in the state juvenile database is accurate through enhancement of built-in defaults and error messages that will significantly reduce data integrity problems.
- **Enable the Division to increase the availability of juvenile offender information to a variety of state and local justice partners.**
 - ◆ With improved data integrity and built-in edits to ensure accuracy, the Division will be able to explore memorandums of agreement with a variety of partners, including the Department of Law /Criminal Division; Alaska State Troopers and local law enforcement about access to juvenile information in the database (keeping in mind any statutory or regulatory confidentiality requirements).
 - ◆ Specific examples of such improvements include the request for a simple and straightforward criminal history report that can be used by prosecutors and local law enforcement.
 - ◆ The prosecutors, rather than needing to manually reach someone from juvenile probation, make phone calls, put in a request for information, have a staff person search the database and then fax it to them, could be provided access directly from their computer desktop to the juvenile offender information once the enhancements are completed to insure the integrity of the data.
- **Save state resources in the longer term** by creating internal edits and functionality that will eliminate the need for additional state personnel to review data quality, ensure accurate reporting, etc. This request is a one-time investment of resources that will significantly improve the overall system of juvenile justice in Alaska.
- **Allow for the ability to capture the necessary data elements within the database for the implementation of Performance Based Standards (PbS) in all of Alaska's youth facilities.**
 - ◆ The goal would be to be able to both capture required PbS information as well as to eventually be able to electronically transmit the information without having to manually enter it all again into the PbS portal.
 - ◆ Screens that capture Initial and Current Educational Testing information, staff initiated contact with the family, Treatment Plan Curriculum, Aftercare needs and referrals for service are some examples of required information.
 - ◆ Modifications to existing JOMIS screens will be necessary to make sure all the information required by PbS for Incident Reports is captured.
- **Enhance reporting functionality that will enable improved service delivery to juveniles, quicker and more efficient case disposition and ultimately more effective use of state resources.** Examples include: a pending disposition report (showing the caseworker/manager that a petition has been filed but the disposition is still pending); pending reports due for each youth; and updated investigation reports due for a youth.
- **Allow for a range of improved reporting capabilities within the state juvenile justice system that relate to overall performance,** including restitution collection, staff training, the ability to generate and retain electronic documents directly within the juvenile offender information system.

Project cost:	Capital:			Annual O&M costs or savings
	Prior Years	FY 2006	FY 2007	
General Funds	0	0	\$299,200	0
General Fund Match	0	0	0	0
General Fund Program Receipts	0	0	0	0
I/A Receipts (dept. and fund source)	0	0	0	0
Other Funds (AHFC 1139 and APCE 1150)	0	0	0	0
Federal Funds	\$1,500,000	0	0	0
Total	\$1,500,000	0	\$299,200	0

3. Is this a new systems development project? No

Upgrade or enhancement to existing department capabilities? Yes

4. Specifically, what hardware, software, consulting services, or other items will be purchased with this expenditure? (Include a line item breakdown.)

Cost:

Requirements Definition	\$ 43.8
Software Installation/Programming	\$200.0
Project Administration	\$5.9
<u>System Integration and Testing</u>	<u>\$ 49.5</u>
Total	\$299.2

5. How will service to the public measurably improve if this project is funded?

Examples of improved outcomes based on additional functionality include:

- Expanded/improved juvenile offender reports enabling more effective public safety decision-making both by DJJ staff and other juvenile justice agencies with access to JOMIS
- Expanded/improved system management reports for programmatic decision making and resource allocation
- Implementation of electronic reporting capabilities for PbS, used by the national Council of Juvenile Correctional Administrators (CJCA) to ensure quality service provision in juvenile correctional facilities across the United States
- Improved tracking and collection of restitution to better serve victims and ensure accurate reporting of agency performance measures to the Alaska Legislature

6. Does project affect the way in which other public agencies will conduct their business?

These enhancements will improve all aspects of juvenile justice service delivery, benefiting divisions within the department (DJJ, Office of Children's Services, Division of Public Assistance, etc.) as well as JOMIS users in other departments (Child Support Services Division, Department of Law) and local law enforcement.

- Improved tracking and reporting of staff training to ensure staff is adequately trained to deliver services.
- Improved data entry accuracy, which in turn improves the quality of public safety for juveniles in Alaska.
- Data-driven decisions will also more accurately portray what services are needed and detail the efficacy of existing services.
- Improved generation and retention of case specific documents, which also leads to improved service delivery.

7. What are the potential out-year cost implications if this project is approved? (Bandwidth requirements, etc.)

8. What will happen if the project is not approved?

Without improvements to JOMIS, new staff and accompanying resources would be needed to manually process the necessary data collection, to do quality assurance of existing data for use with the tools, and to generate needed reports. Additional staff would also be needed for manual review of case files for ad hoc report requests. The other alternative would be to limit the amount of information retained and reports generated. This is antithetical to the goal of developing data driven decisions and would result in reduced ability of the agency to meet its stated performance measures.

To date, the division has postponed initiating JOMIS enhancements to ensure that the initial implementation of the database was fully operational and that anticipated start-up questions and concerns were addressed. DJJ senior

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management has reviewed this project and agrees that it is a critically needed enhancement. Further delays will reduce the agency's ability to provide necessary information to DJJ field probation and facility staff and public safety partners. Automation of these processes will reduce the need for additional staff to do manual record keeping, record review, and quality assurance. The division has determined that automation is an effective and sustainable solution to the needs cited.

Department's Mission: *To Promote and Protect the Health and Well Being of Alaskans*. This request will meet the departmental mission by providing an upgrade to the software that is used to develop case plans and provide information for the clients within the juvenile justice system. With this upgrade, the data retrieved from the database will be more reliable and allow for more efficiency within the division, thus contributing to protecting Alaskans.