

APSIN Redesign Implementation Phases 4 and 5**FY2004 Request: \$8,000,000****Reference No: 37719****AP/AL:** Appropriation**Project Type:** Information Systems**Category:** Public Protection**Location:** Statewide**Contact:** Karen Morgan, Director, DAS**House District:** Statewide (HD 1-40)**Contact Phone:** (907)465-5488**Estimated Project Dates:** 07/01/2003 - 06/30/2008**Brief Summary and Statement of Need:**

The Alaska Public Safety Information Network (APSIN) serves over 2,600 local, state, and federal criminal justice users. It's based on obsolete 1980s technology. The current system has been updated to meet minimal requirements for the new National Crime Information Center (NCIC) 2000 requirements, but unless the State implements a modern, fully-integrated system, Alaska will not have an effective criminal justice information system. Federal grant funds have been received for this project, and this request is for capital authorization for those funds. The total request will also allow for future expected federal awards.

Funding:	<u>FY2004</u>	<u>FY2005</u>	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>Total</u>
Fed Rcpts	\$8,000,000						\$8,000,000
Total:	\$8,000,000	\$0	\$0	\$0	\$0	\$0	\$8,000,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input checked="" type="checkbox"/> Phased Project	<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	0
Totals:	0	0

Additional Information / Prior Funding History:

Sec 131, Ch 139, SLA 1998, P 54, L 4,	\$300.0	APSIN Upgrade (Federal Receipts)
Sec 100, Ch 2, SLA 1999, P 51, L 19-20,	\$1,389.0	(\$1,250.0 Fed, \$139.0 GF Match)
Sec 1, Ch 61, SLA 2001, P 23, L 18-19,	\$2,725.5	(AHFC Dividends)

Project Description/Justification:

This project request is for authority to spend federal grant awards to replace the state's criminal records applications and network (APSIN). A new public safety information network is necessary for the police, courts, prosecutors, and corrections to meet their criminal administration duties defined in Section 12 of the Alaska Constitution. Alaska Statute 12.62 requires Public Safety to operate the state's central repository of criminal records and to participate in an effective interstate and national system of criminal identification, records, and statistics.

The current system serves as the state's primary criminal repository for over 2,600 local, state, and federal criminal justice users. It is based on 1980s technology that is becoming incompatible with modern technological changes and is increasingly difficult to maintain and modify. This project will result in a new system that will

- capture more complete, accurate, and timely information about warrants, domestic violence protective orders, arrests, prosecutions, correctional status, and court dispositions;

- integrate data with images (e.g., link "rap sheets" with mugshots);
- provide improved access to statistical data;
- permit state troopers, local law enforcement and federal law enforcement agencies based in Alaska to access services available from the upgraded National Crime Information Center (NCIC);
- adopt compatible hardware and software to facilitate integration among Alaska justice agencies.

This project is being developed in phases. Phase 1 was completed in FY 00 and included the development of a systems migration plan. Phase 2 was completed in the summer of 2002 and included the development, issuance, and award of an RFP to acquire the services of a systems integrator, specializing in criminal justice systems, to design and develop the new system. Phase 3, currently in progress and scheduled for completion at the end of calendar year 2003 includes the review of the systems requirements and the development of detailed design specifications.

Subsequent phases scheduled to begin in FY04, will consist of the system development and implementation of the criminal repository replacement. Additional phases may be added to replace ancillary criminal justice applications. The majority of the funding in the next phase will be spent on contractual services, although it is anticipated that some funds will also be spent on hardware, software, and training.

The estimated total cost for phases 4 and 5 is approximately \$8,000.0. Cost analysis is being done with each phase, and decisions made to minimize costs and maximize integration of the system with other criminal justice applications, where feasible.

The Department does not plan to add any new positions as a result of this project. Operating cost estimates are based on projects of similar size and scope in other jurisdictions and the following assumptions:

- Personnel: DPS will implement and maintain the new system with currently staffed positions in its Information Systems section.
- Communications: The rates of increase in telecommunications rates and number of system users will diminish over the next five years. The department and contractor recognize that bandwidth will always be a limiting factor and recommends strategies to minimize network traffic, such as thin clients processing message-based summary data as the primary means of data exchange.
- Data Center Charges/Fees: APSIN will require 24X7 support for central servers, however, DPS expects to be able to share these costs with other agencies.
- Hardware Maintenance: Server and workstation maintenance will be 15% of purchase price; disk storage maintenance will remain unchanged.
- Software Maintenance/Upgrades: Cost will be about 20% of original licensing fees.

DPS has invested substantial federal funds in the project thus far. Federal funds have been awarded contingent upon satisfactory completion of the project. If the project is not approved, the state could risk future federal funding for this and other information systems projects. Additionally, the State continues to fall farther and farther behind in technological capabilities the longer the system remains in its present form. Previously undertaken national initiatives have already surpassed the capabilities of the present system. The events of September 11, 2001 served to not only increase the urgency of complying with initiatives already underway but have also spawned new initiatives designed to assist in enhancing the protection of our citizens.

Project status and funding history: Previous expenditures were from federal grant awards, and spent under capital and operating federal funding authority.

Prior Funding: (\$836.0 Federal Receipts)

- Phase 1. Write a migration plan, begin interfacing repository criminal history and fingerprint identification systems and begin network inventory - (Capital project, completed in FY00)

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Phase 2. Hire a project manager, select a system vendor, interface criminal history and fingerprint identification applications, complete a statewide network inventory (Completed in FY02)

Current Funding Available: (\$4,114.5)

FY 00 CH 2, FSSLA 1999 APSIN Upgrade, \$1,250.0 Federal Receipts, \$139.0 GF Match

FY02 CH 61, SLA 2001 APSIN Redesign, \$2,725.5 AHFC Dividends

Phase 3 is divided into two System Vendor phases:

System Vendor Contract - produce a system requirements specifications document (\$1.8 million). This initial portion of the contract is estimated for completion in January 2003.

System Vendor Contract Amendment IA - write detailed design specifications. (Estimated to cost \$2.3 - \$3 million.) This amendment is estimated for completion in December 2003.

Requested Funding Authority for Federal Receipts (\$8,000.0):

Federal Grant Already Awarded:

2002-DD-BX-0001 Office of Justice Programs Earmark \$3,218.3

Future earmarks and anticipated ongoing federal grant awards \$4,781.7

Subsequent phases will be accomplished through at least two contractor amendments:

System Vendor Contract Amendment II - The repository applications will be replaced, to be started in FY04 and completed in FY07 (federally funded)

System Vendor Contract Amendment III - Ancillary Law Enforcement applications will be replaced beginning in FY04 and completed in FY07 (federally funded)