

**Computer Network Hardware Replacement and Upgrade****FY2002 Request:****\$185,000****Reference No:****30799****AP/AL:** Appropriation**Project Type:** Information Systems**Category:** Public Protection**Location:** Statewide**Contact:** Dwayne Peeples**House District:** Statewide (HD 1-40)**Contact Phone:** (907)465-3339**Estimated Project Dates:** 07/01/2001 - 06/30/2003**Brief Summary and Statement of Need:**

This project funds the replacement of a portion of the MIS system so the Agency can keep up with changing technology and software programs. TIC/TAC reviewed and approved the project in FY2001.

<b>Funding:</b>	<b>FY2002</b>	<b>FY2003</b>	<b>FY2004</b>	<b>FY2005</b>	<b>FY2006</b>	<b>FY2007</b>	<b>Total</b>
Gen Fund	\$185,000	\$320,000	\$320,000	\$320,000	\$320,000	\$320,000	\$1,785,000
<b>Total:</b>	<b>\$185,000</b>	<b>\$320,000</b>	<b>\$320,000</b>	<b>\$320,000</b>	<b>\$320,000</b>	<b>\$320,000</b>	<b>\$1,785,000</b>

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

**Additional Information / Prior Funding History:**

Chapter 27/SLA99 \$240,000 (Y2K project bill). Additionally, please reference CIP Project #33841 Criminal Justice Management Information System Final Phase which references prior capital funds appropriated for establishing 32 LAN/WAN sites. CH96/SLA91 \$300,000, CH103/SLA95 \$750,000, CH100/SLA97 \$600,000, CH 139/SLA98 \$1,074,000 and CH 2/FSSLA99 \$1,000,000.

**Project Description/Justification:**

The Department of Corrections started putting in Wide Area Network (WAN) and Local Area Network (LAN) infrastructures in FY95 at each of their 34 work sites across the State. Each work site ties directly into the agency's Offender-Based State Correctional Information System (OBSCIS) and must access prisoner information daily.

The project has been previously reviewed and approved by the TIC/TAC committee in FY98, FY99, FY00, and FY01. There are no significant changes to funding amounts, or technologies. This project represents the recurring annual hardware costs of implementing a new automated data processing system across each of the thirty-four (34) worksites of the Agency.

The Agency has spent approximately \$5.0 million of operating and capital funds on setting up the 34 WAN/LAN sites, PC equipment and software from past legislative appropriations and expects to spend approximately \$1.2 million during FY2000-01. Additional funds are needed to cover the recurring LAN/WAN hardware purchases that will ensure that all work sites have modern WAN/LAN hardware in place to perform the job necessary to track and support all state prisoner information operations. The Agency begun setting up the 34 work sites in FY95 and now most of the LAN/WAN hardware purchased during that period are over five (5) years old. When DOC consulted with several data processing entities about recurring hardware costs, it was recommended, almost unanimously, that the LAN/WAN hardware be replaced on a 3 Year Schedule to allow the systems to keep up with ever advancing data technology. After considering the recommendations, DOC elected to implement a 5 year hardware replacement schedule for LAN/WAN hardware to maximize the utilization of expensive data processing equipment.

**Computer Network Hardware Replacement and Upgrade****FY2002 Request:****\$185,000****Reference No:****30799**

The Department will be purchasing Hewlett Packer HPLHIII type servers for sites that can be readily accessed by Data Processing staff and securing a more advanced server model for remote sites so that maintenance can be performed remotely from Juneau or Anchorage Central Offices over automated lines, etc. Servers and other Wan/LAN equipment (such as hubs, wiring, air conditioning units, patch panels, firewalls, etc) will be replaced in the following worksites as funding will allow, costs includes transportation and installation expenses, etc.;

Worksite	Estimated Cost
1)Cook Inlet Correctional Center	\$10,000
2)Sixth Avenue Correctional Center	\$5,000
3)Lemon Creek Correctional Center	\$5,000
4)Ketchikan Correctional Center	\$5,000
5)Palmer Correctional Center	\$5,000
6)Mat-Su Correctional Center	\$5,000
7)Fairbanks Correctional Center	\$5,000
8)Anvil Mountain Correctional Center	\$10,000
9)Yukon-Kuskokwim Correctional Center	\$10,000
10)Hiland Mountain/Meadow Creek CC	\$5,000
11)Wildwood Correctional Center	\$5,000
12)Spring Creek Correctional Center	\$10,000
13)Anchorage Probation Regional Office	\$5,000
14)Anchorage PSI/Intensive Supvr. Unit	\$5,000
15)Palmer District Probation Office	\$5,000
16)Sitka District Probation Office	\$5,000
17)Ketchikan District Probation Office	\$5,000
18)Fairbanks Regional Probation Office	\$5,000
19)Bethel District Probation Office	\$5,000
20)Nome District Probation Office	\$5,000
21)Barrow District Probation Office	\$5,000
22)Kotzebue District Probation Office	\$5,000
23)Kenai District Probation Office	\$5,000
24)Kodiak District Probation Office	\$5,000
25)Dillingham District Probation Office	\$5,000
26)Pt. MacKenzie Prison Farm	\$5,000
27)Training Academy	\$5,000
28)Mt.McKinley Meats	\$2,500
29)Diplomacy Building-Anchorage	\$10,000
30)Douglas Island-Juneau Central Office	\$5,000
31)ACI Juneau Central Office	\$2,500
32)Juneau Probation District Office	\$2,500
33)ACI Anchorage Office	\$5,000
34)Juneau Probation Headquarters	\$2,500
<b>TOTAL</b>	<b>\$185,000</b>

This project is a continuation of the Agency's effort to maximize services to the public through data systems and improves access to criminal justice information. The Agency's OBSCIS information system must be capable to interface with the Department of Public Safety's APSIN system, Law's PROMISE system, to ensure full and accurate criminal history records are maintained. This automation will ensure that all prisoner information is timely and accurately logged for automated victim services which are being developed across the state.

The Agency reviewed options such as instituting metropolitan networks for Anchorage and Fairbanks where DOC has several offices and determined that it is not feasible at this time. In the future, when fiber optic lines are available to all sites, the Agency will attempt to implement metropolitan networks or atlas rings which will enable single servers to be utilized to address multiple site needs. This will greatly reduce future costs for replacement of LAN/WAN hardware.

**Computer Network Hardware Replacement and Upgrade****FY2002 Request:****\$185,000****Reference No:****30799**

Services to the public will measurably improve due to the offender system being capable of sustaining and promptly reporting offender information to all local, state, and national law enforcement agencies. In addition, the upgraded LAN/WAN offender data base systems will allow prompt and accurate notification of parole/probation information, and release information to victims of offenders through the State's victim information system. The project will improve public safety, reduce legal exposure, reduce wasted resources in litigation research, provide accurate fiscal analysis of crime legislation, and increase compliance with State and Federal agency information requirements.

There should be no additional impact on the State's ITG services as this equipment only replaces older, out-dated LAN/WAN Hardware equipment that connects to the ITG central service. The agency already pays a maintenance connection fee to ITG for the older information system LAN/WAN hardware and equipment. This hardware fits into the long-range technology plans of the Department and the technology goals of the Administration. The project will improve public access to offender information, allow prompt and accurate law enforcement and victim information to be readily available through data systems that have been brought into the 21st Century. The upgraded data systems will increase information exchange efficiency by allowing automation to handle law enforcement and public inquiries rather than exchanging information through a long and lengthy manual reporting process.

The improved functionality of the Agency's LAN/WAN systems will allow DOC to effectively and efficiently meet legal obligations of reporting criminal history information (AS33.30.011), assure criminal justice information is accurate and complete (AS12.62.120), provide notification of offender hearings, furloughs, and releases, and recent photographs to victims of felony offenses, upon request of Victims (AS12.63.010-12.63.100). These measures are intended to help protect the public from known offenders, but without new LAN/WAN hardware, the system will be inadequate to continue these efforts.

If this capital information project is not approved, the Agency will have many of their 34 work sites operating with LAN/WAN equipment that are not capable of running new technology, and as they begin to fail, they will require manual operations until corrective action can be taken. Corrective action would start with securing a funding source, whether it would be a emergency supplemental request or through operational revised programs. During this failure period, all prisoner records will have to be kept on paper files and transactions. Increased personal services costs would continue until all the manual records compiled during the automation failure could be entered into the restored automation files. Delays in handling prisoner record keeping manually could impact the accuracy of prisoner data files used daily by all State Law Enforcement Agencies, Victims, and the Alaska Court System.