

ALASKA LEGISLATURE

1942

HOUSE and SENATE FINANCE COMMITTEE FILES, 1999 - 2000

STATE OF ALASKA RFP NUMBER 98-0168 AMENDMENT NUMBER ONE

Resellers are to indicate what products are compliant and what products are not. Year 2000 product information must be posted for all future agreements within one month from the date the agreement is entered into. State agencies will refer to this information to determine if the products they wish to purchase are Year 2000 compliant.

- b. The Year 2000 product information provided in (a.) must indicate whether the product is manufacturer certified as Year 2000 compliant, or certified by an independent agency. If the product is certified by an independent agency, that agency must be identified.
 - c. Within one year of award, the Year 2000 product information described in (a.) must be tied to the web site ordering system so that when an agency selects a product to order, an indicator will appear denoting that the product is/is not Year 2000 compliant and whether the item is certified by the manufacturer or an identified independent agency.
 - d. Reseller must update the posted Year 2000 information by the 5th of each month to ensure current information is available.
4. Section 6.01, Proposal Format and Content. Number II, Section C, Project Strategy, Item #9, Warranty, is deleted and replaced with the following:
- 9. **Year 2000 Compliance:** Proposals are to describe the method the resellers will employ to provide State agencies with the required information regarding Year 2000 compliance for all of the products covered under all of the agreements considered in Request for Proposal #98-0168 and any agreements entered into in the future.
5. Section 7.02, Project Strategy, Item [h] is deleted and replaced with the following:
- [h] How well will the offeror's proposed method of providing Year 2000 compliant information meet the needs of the State in determining if a software product is compliant or not?
6. Proposers may request an electronic copy of Request for Proposal #98-0168 via email (request an electronic copy from Tricia_Cunningham-Young@admin.state.ak.us). No alterations of the provisions of the Request for Proposal will be permitted without prior written approval from the Contracting Officer. If conflict arises between the terms or conditions included in a submitted proposal and a term or condition of the RFP, the term or condition of the RFP will prevail. Proposals may not be submitted electronically; five hard copies must be submitted as described in Request for Proposal #98-0168.

In order for your bid to be considered responsive, this amendment, in addition to your original proposal, must be received by the issuing office of the Division of General Services prior to the time set for the proposal opening.

Mari K. Dixon for
Tricia Cunningham-Young, Contracting Officer
PHONE: (907) 465-5677

NAME OF COMPANY

SIGNATURE

DATE
PAC

Post-It Fax Note 7671		Date: 2/2/04	# of pages: 2
To: Jack Jaramila	From: Alaska		
Cc/Dept:	Cc:		
Phone #: 5007	Phone #: 5087		
Fax #: 5039	Fax #: 2184		

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Scope of Services

Intent

The intent of this contract is to document the Year 2000 (Y2K) Compliance Status of vessels within the Alaska Marine Highway Fleet (AMHS); make recommendations as to how to accomplish Y2K compliance of noncomplying vessel equipment, software, and integrated systems; to develop test procedures (if necessary) to assure that critical software and hardware are Y2K compliant; to develop cost estimates for replacement and upgrading of noncomplying equipment, software, or integrated systems; and to implement those hardware, software, and systems upgrades authorized by AMHS in order to assure Y2K compliance of those items. The overall aim of this project is to avoid incidents that may result in loss of life or accident, pollution, collision, loss of vessel, commercial and/or legal penalties, and suspension of or undue restriction of vessel operations by regulatory agencies.

Scope of Work

The contractor shall determine the Y2K status of vessels within the AMHS fleet. Of special interest are the M/V Kennicott, Tustumena, and the Columbia, therefore the determination of the Y2K status of these three vessels will be completed first. Based on the results of the Y2K status of these vessels, AMHS may request that the contractor determine the status of the M/V Malaspina/Taku/Matanuska Class Vessels, the M/V LeConte/Aurora Class Vessels, and the M/V Bartlett. The contractual services shall be authorized in Phases for each vessel within the fleet.

Phase I – Investigation and Report Preparation

1. Prepare an inventory, by vessel, of all onboard vessel equipment that is susceptible to Y2K related failure. Equipment shall be categorized into groups, such as, navigation & communications equipment, computer & office equipment, vehicles, main diesel control systems, ship service generator control systems, emergency generator control systems, steering control systems, propulsion systems, fin stabilizer control systems, galley equipment, sanitation, reverse osmosis desalination equipment, lifeboats, refrigeration and freezers, fire detection & alarm systems, boiler controls, air handling controls, heaters, lighting systems, motor controls, EPIRBS, clocks, onboard multimedia equipment (VCR's, Televisions, etc.), elevator control systems, vehicle elevator and turntable controls, aircraft scanners, and other systems as determined appropriate and necessary. Also investigate existing onboard vessel contingency and emergency plans and incorporate them into the contingency plans, at least by reference, to be developed in Phase III. Items owned by crew shall be excluded from this inventory unless specifically authorized by AMHS.
2. Following completion of the inventory the contractor shall research each component to determine its Y2K compliance status.
3. The contractor shall prepare a separate report for each vessel, indicating the Y2K compliance status of that vessel and its equipment. The report shall include an executive summary, a grouping of equipment by category, an assessment of compliance, shall include certificates of compliance for all Y2K compliant equipment and software, shall develop a list of recommendations (with cost estimate) for additional required testing, upgrading or replacing of all noncompliant equipment and software to that it shall be Y2K compliant upon completion of the work.

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Phase II – Upgrades to Vessel Fleet

If the report reveals that there is noncompliant equipment and/or software that requires upgrades and/or replacement to be made compliant, then AMHS will, in conjunction with the contractor, develop a list of those necessary upgrades that will satisfy the Y2K compliance needs of AMHS. It is highly likely that financial constraints will not allow AMHS to authorize all equipment, software, or system upgrades required for total vessel Y2K compliance to be performed. Upon completion of this prioritization, the contractor shall perform those hardware, software, or system upgrades determined by AMHS to be critical to crew and passenger safety, continued operations of the vessel, and as required to satisfy regulatory agency requirements. Upon completion of this phase of the work the contractor shall upgrade the report prepared under Phase I to reflect the conditions of the existing and modified components, including providing additional certificates of Y2K compliance for all modified/corrected/upgraded work items.

Phase III – Contingency Plans

The contractor shall develop a contingency plan to deal with possible incidents arising from date and time related failures, in case equipment failure occurs despite all efforts to detect and remediate noncompliance. Contingency plans will be developed for high and medium risk systems. The contingency plans shall be developed in phases, taking into account crew size and composition, back-up systems, possibility of manual operation of machinery, alternative means of navigation and communication, and regulatory consequences of radio and navigation equipment failure. In addition:

1. The contractor shall develop a contingency plan in conjunction with AMHS vessel operations and engineering staff.
2. Contingencies may include plans requiring manual operations, restrictive operations (stay in port, no operations in restricted channels, etc), shore based technical support on standby to assist with conflicts, conversion of operations to non-electrical back-up systems, shut-down of unnecessary equipment, and others as appropriate.
3. Plans shall include, by reference if necessary, any existing contingency and operational plans currently existing onboard the vessels.

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Article 3 Period of Performance

Phase I – Investigation and Report Preparation for the following vessels:

Phase Ia. M/V Kennicott	March 15, 1999
Phase Ib. M/V Tustumena	March 31, 1999
Phase Ic. M/V Columbia	March 31, 1999
Phase Id. M/V Matanuska	April 30, 1999
Phase Ie. M/V Taku	April 30, 1999
Phase If. M/V Malaspina	May 31, 1999
Phase Ig. M/V LeConte	April 30, 1999
Phase Ih. M/V Aurora	April 30, 1999
Phase Ii. M/V Bartlett	May 31, 1999

Phase II – Upgrades to the following vessels:

Estimated Completion Date

Phase IIa. M/V Kennicott	June 31, 1999
Phase IIb. M/V Tustumena	June 31, 1999
Phase IIc. M/V Columbia	April 28, 2000
Phase IId. M/V Matanuska	October 31, 1999
Phase IIE. M/V Taku	January 10, 2000
Phase IIf. M/V Malaspina	June 1, 2000
Phase IIg. M/V LeConte	October 31, 1999
Phase IIh. M/V Aurora	October 31, 1999
Phase IIi. M/V Bartlett	April 1, 2000

Phase III – Contingency Plan Preparation:

Phase IIIa. M/V Kennicott	June 31, 1999
Phase IIIb. M/V Tustumena	June 31, 1999
Phase IIIc. M/V Columbia	August 31, 1999
Phase IIId. M/V Matanuska	August 31, 1999
Phase IIIe. M/V Taku	July 30, 1999
Phase IIIf. M/V Malaspina	August 31, 1999
Phase IIIg. M/V LeConte	July 30, 1999
Phase IIIh. M/V Aurora	July 30, 1999
Phase IIIi. M/V Bartlett	August 31, 1999

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Article 4 Appendix D, Exhibit D-1 Method of Payment

1. Payments shall be made in accordance with the following tables, and the applicable discussions of Methods of Payment presented below.

Phase I – Investigation and Report Preparation

Method of Payment (Cost plus Per Diem, Not to Exceed)	Estimated Amount
Estimated Price – Kennicott	\$34,580
Estimated Price – Tustumena	\$32,620
Estimated Price – Columbia	\$28,392
Estimated Price – Matanuska	\$29,210
Estimated Price – Taku	\$29,210
Estimated Price – Malaspina	\$29,210
Estimated Price – LeConte	\$26,868
Estimated Price – Aurora	\$26,868
Estimated Price - Bartlett	\$27,118

Phase II – Onboard Y2K Compliance

Method of Payment (Cost plus Per Diem)	Estimated Amount
Estimated Price – Kennicott	Unknown at this Time
Estimated Price – Tustumena	Unknown at this Time
Estimated Price – Columbia	Unknown at this Time
Estimated Price – Matanuska	Unknown at this Time
Estimated Price – Taku	Unknown at this Time
Estimated Price – Malaspina	Unknown at this Time
Estimated Price – LeConte	Unknown at this Time
Estimated Price – Aurora	Unknown at this Time
Estimated Price - Bartlett	Unknown at this Time

Phase III – Vessel Contingency Planning

Method of Payment (Cost plus Per Diem, Not to Exceed)	Estimated Amount
Estimated Price – Kennicott	\$7,280
Estimated Price – Tustumena	\$2,640
Estimated Price – Columbia	\$3,640
Estimated Price – Matanuska	\$3,640
Estimated Price – Taku	\$3,640
Estimated Price – Malaspina	\$3,640
Estimated Price – LeConte	\$3,640
Estimated Price – Aurora	\$3,640
Estimated Price - Bartlett	\$3,640

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2. Fixed Price(s): Not Applicable
3. Expenses: As Indicated Below
 - a. Payments of the Fixed Price will be progress payments not to exceed the Fixed Price(s).
 - b. Payments for Other Direct Costs (expenses) will be made for actual substantiated costs not to exceed the total specified amount for expenses which are directly chargeable to and necessary for performance of the services assuming they are not recovered through the indirect cost rate.
 - c. Travel and Per Diem costs will be reimbursed as follows:
 1. Airplane Ticket: Coach Class Rate
 2. Lodging: Actual lodging cost
 3. Meals: Per following meal allowance. (Must be in travel status for three consecutive hours to be eligible for meal allowance.

	Alaska	Out of State	
		5/16 - 9/15	9/16 - 5/15
Midnight to 10:00 am Breakfast	\$9	\$8	\$6
10:00 am to 3:00 pm Lunch	\$11	\$9	\$7
3:00 pm to Midnight Dinner	<u>\$22</u>	<u>\$19</u>	<u>\$15</u>
Maximum Daily Total	<u>\$42</u>	<u>\$36</u>	<u>\$28</u>

- d. Additional non-salary expenses must be accompanied by substantiating invoices.
4. Professional Rate Plus Expenses: Not Applicable
5. Cost Plus Fixed Fee: Not Applicable
6. Special Considerations, Phase II: Negotiable, Dependent Upon Scope of Work

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Definition of Compliance

"Year 2000 conformity shall mean that neither performance nor functionality is affected by dates prior to, during, and after the year 2000." In particular: no value for current date will cause any interruption in operation; date-based functionality must behave consistently for dates prior to, during and after year 2000; in all interfaces and data storage, the century in any date must be specified either explicitly or by unambiguous algorithms or inferencing rules; year 2000 must be recognized as a leap year.

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Projected Y2K Consultant Cost Estimate
Assumed Hourly Rate

\$91

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Phase I - Investigation and Report Preparation

Kennicott

Item	Engr/Tech	Days	Hours/Day	Cost/Day	Total
Project Management	1	6	8	\$728	\$4,368
Investigation	2	5	10	\$1,001	\$10,010
Product Research	1	10	8	\$728	\$7,280
Report	1	5	8	\$728	\$3,640
Upgrades & Repairs	1	5	8	\$728	\$3,640
Travel	2	2	8	\$728	\$2,912
Travel (Airfare)	2	Est.		\$800	\$1,600
Per Diem (Days)	2	7		\$45	\$630
Hotel (Days)	2	2		\$125	\$500
Per Vessel Cost					\$34,580

Columbia

Item	Days	Hours/Day	Cost	Total
Project Management	1	4	\$728	\$2,912
Investigation	2	4	\$1,001	\$8,008
Product Research	1	5	\$728	\$3,640
Report	1	5	\$728	\$3,640
Upgrades & Repairs	1	5	\$728	\$3,640
Travel	2	2	\$728	\$2,912
Travel (Airfare)	2	Est.	\$800	\$1,600
Per Diem (Days)	2	6	\$45	\$540
Hotel (Days)	2	6	\$125	\$1,500
Per Vessel Cost				\$28,392

LeConte/Aurora

Item	Days	Hours/Day	Cost	Total
Project Management	1	3	\$728	\$2,184
Investigation	2	3	\$1,001	\$6,006
Product Research	1	5	\$728	\$3,640
Report	1	5	\$728	\$3,640
Upgrades & Repairs	1	5	\$728	\$3,640
Travel	2	3	\$728	\$4,368
Travel (Airfare)	2	Est.	\$800	\$1,600
Per Diem (Days)	2	8	\$45	\$540
Hotel (Days)	2	5	\$125	\$1,250
Per Vessel Cost				\$26,860

Tustumena

Item	Engr/Tech	Days	Hours/Day	Cost	Total
Project Management	1	5	8	\$728	\$3,640
Investigation	2	7	8	\$728	\$10,192
Product Research	1	5	8	\$728	\$3,640
Report	1	5	8	\$728	\$3,640
Upgrades & Repairs	1	5	8	\$728	\$3,640
Travel	2	3	8	\$728	\$4,368
Travel (Airfare)	2	Est.		\$800	\$1,600
Per Diem (Days)	2	10		\$45	\$900
Hotel (Days)	2	4		\$125	\$1,000
Per Vessel Cost					\$32,620

Taku/Malaspina/Matanuska

Item	Days	Hours/Day	Cost	Total
Project Management	1	3	\$728	\$2,184
Investigation	2	4	\$1,001	\$8,008
Product Research	1	5	\$728	\$3,640
Report	1	5	\$728	\$3,640
Upgrades & Repairs	1	5	\$728	\$3,640
Travel	2	3	\$728	\$4,368
Travel (Airfare)	2	Est.	\$800	\$1,600
Per Diem (Days)	2	7	\$45	\$630
Hotel (Days)	2	6	\$125	\$1,500
Per Vessel Cost				\$29,210

Bartlett

Item	Days	Hours/Day	Cost	Total
Project Management	1	3	\$728	\$2,184
Investigation	2	3	\$1,001	\$6,006
Product Research	1	5	\$728	\$3,640
Report	1	5	\$728	\$3,640
Upgrades & Repairs	1	5	\$728	\$3,640
Travel	2	3	\$728	\$4,368
Travel (Airfare)	2	Est.	\$800	\$1,600
Per Diem (Days)	2	6	\$45	\$540
Hotel (Days)	2	6	\$125	\$1,500
Per Vessel Cost				\$27,118

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Costs include only assessment, remediation determination and cost estimates, and development of contingency plans. Full cost of actual remediation work including testing is not included.

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Total Fleetwide Projected Consultant Cost

Vessel	Cost/Vessel	Cumulative Total
Kennicott	\$34,580	\$34,580
Tustumena	\$32,620	\$67,200
Columbia	\$28,392	\$95,592
Malanuska	\$29,210	\$124,802
Taku	\$29,210	\$154,012
Malaspina	\$29,210	\$183,222
LeConte	\$28,868	\$210,090
Aurora	\$28,868	\$236,958
Bartlett	\$27,118	\$264,076
Total Fleetwide Cost	\$264,076	

Costs include only assessment, remediation determination and cost estimates, and development of contingency plans. Full cost of actual remediation work including testing is not included.

Phase III - Contingency Planning

Vessel	Days	Hours/Day	Cost/Day	Total	Cumulative Total
Kennicott	10	8	\$728	\$7,280	\$7,280
Tustumena	5	8	\$728	\$3,640	\$10,920
Columbia	5	8	\$728	\$3,640	\$14,560
Matanuska	5	8	\$728	\$3,640	\$18,200
Taku	5	8	\$728	\$3,640	\$21,840
Malaspina	5	8	\$728	\$3,640	\$25,480
LeConte	5	8	\$728	\$3,640	\$29,120
Aurora	5	8	\$728	\$3,640	\$32,760
Bartlett	5	8	\$728	\$3,640	\$36,400
Fleetwide Contingency Planning Cost				\$36,400	

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Y2K Project Information

2/2/1999

- Mission Critical Business Functions with estimated failure dates.
- Mission Critical Business Functions that meet the economic well-being criteria.
- Project Detail, including ABS backup for projects
- RSA spending to date
- States' Spending Summary on Y2K
- Testing Guidelines, including certification of internally remediated Y2K compliant systems.
- Alaska Railroad Status
- Y2K CIP Review Process

State of Alaska - Year 2000 Project
Y2K Project Office

MISSION-CRITICAL BUSINESS FUNCTIONS
(with estimated failure dates)

ENTERPRISE-LEVEL

The list below identifies the "enterprise-level" mission-critical business functions for purposes of the Year 2000 Project, along with estimated failure dates. These business functions and the systems which support them (business systems, automation systems, facilities, supplier and customer relationships, etc.) will be the primary focus of Y2K remediation and compliance efforts.

<u>Administration</u>	<u>Estimated failure date</u>
Procurement	1/1/2000
Mental Health Trust Authority Grants	1/1/2000
Public Guardian Trust Accounting System	1/1/2000
Alaska Longevity Bonus Program	1/1/2000
Alaska Pioneer Homes (general)	1/1/2000
Payroll	1/1/2000
Accounting	1/1/2000
Computer Services	1/1/2000
Network Services	1/1/2000
Telephone Services	1/1/2000
Telecommunications Services	1/1/2000
Alaska Public Communications Services	1/1/2000
Vehicle and Driver Licensing	1/1/2000
Retiree Payroll	1/5/2000
Supplemental Benefits System Annuity Plan	1/12/2000
On-Line Personnel Recruitment	9/30/1999

COMMERCE AND ECONOMIC DEVELOPMENT

Bradley Lake Hydro	1/1/2000
Four Dam Pool Hydro	1/1/2000
Larsen Bay Hydro	1/1/2000
Alaska Intertie	1/1/2000
AIDEA Loan Servicing	1/1/1995
Investment Loan Servicing	1/2/2000
Alaska Railroad	1/1/2000

COMMUNITY AND REGIONAL AFFAIRS

Power Cost Equalization	7/1/1999
State Revenue Sharing	1/1/2000
Seniors and Disabled Renters Program	1/1/2000
Safe Communities (formerly Municipal Assistance)	1/1/2000

CORRECTIONS

DOC Twelve Correctional Institutions, And Their Security, Central Control Systems, Perimeter Fences, Card Entry/Exit Systems, Monitoring Systems, Health and Life/ Safety Systems	1/1/2000
DOC Telecommunications In Correctional Facilities	1/1/2000

EDUCATION

Post-Secondary Education Commission -- Loans	1/1/2000
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ENVIRONMENTAL CONSERVATION

Laboratory Analysis of Food Samples	1/1/2000
Certifying Commercial Drinking Water Labs	1/1/2000
Analysis of environmental samples	1/1/2000
Communications System for Emergency Response	1/1/2000

FISH & GAME

Licensing fishermen, crew members and vessels for commercial fishing across the state	11/1/1999
Enhancement Hatcheries	1/1/2000
Process Fish Tickets	2/1/2000

GOVERNOR

State Budget Preparation	1/1/2000
Elections	1/1/2000

HEALTH AND SOCIAL SERVICES

Family and Youth Services - Youth Detention Facilities	1/1/2000
Family and Youth Services - Family Services, Child Protection Services	1/1/2000
Alaska Psychiatric Institute	1/1/2000
Public Health Nursing	1/1/2000
Medical Benefits to Alaskans who qualify	1/1/2000
Public Assistance or "Welfare" Programs (ATAP, Food Stamps/EBT, General Relief, Adult Public Assistance and others) for Alaskans who qualify	1/1/2000
Public Health	1/1/2000
Emergency Medical Services	1/1/2000

LABOR

Unemployment Insurance	12/31/1999
Employment Services	12/31/1999
Worker's Compensation	12/31/1999

LAW

Prosecution of Criminals	1/1/2000
Collection of Civil & Criminal Debts to the State - Child Support Enforcement Collections	1/1/2000
Investigation, Defense, & Prosecution of State's Oil & Gas Royalty and Taxation Cases	1/1/2000
Child Protection Cases	1/1/2000

MILITARY AND VETERANS AFFAIRS

Emergency Response Capability - State, Local, Federal Coordination	1/1/2000
Disaster Recovery Database - Emergency Response Support	1/1/2000

NATURAL RESOURCES

DNR's revenue processing	1/1/2000
Property recorder's office system	1/1/2000
DNR oil patch	1/1/2000
DNR Land Administration System.	1/1/2000
Wildland Fire Suppression Systems	4/1/2000
Field Radio and Mobile Repeater Systems	4/1/2000

PUBLIC SAFETY¹

Alaska Public Safety Information Network	1/1/2000
911 Emergency Dispatch Centers	1/1/2000
Public Safety Message Switch	1/1/2000
Vehicles, Vessels, Aircraft	1/1/2000

REVENUE

Income & Excise Audit Division's Cash Processing	1/1/2000
Process and deliver PFD checks	11/1/1999
Process Child Support Payments	1/1/2000
Collection of State Revenues	1/1/2000
Disbursement of State Funds	12/30/1999
In-house investment management of State/ASPIB fixed income	1/1/2000
Permanent Fund Corporation - Asset Management	1/1/2000

TRANSPORTATION

Alaska Marine Highway System Vessels	12/31/1999
Anchorage International Airport Fire Alarm System	12/31/1999
Anchorage International Airport Heating, Ventilating, Air Conditioning	12/31/1999
Alaska Marine Highway System Shoreside Facilities	1/1/2000

¹ Two additional MCBF's ("Public Safety Message Switch" and "Vehicles, Vessels, Aircraft"), previously listed separately, were consolidated and included within the two MCBF's shown, effective 11/6/98.)

Updated: 1/20/99

Anchorage International Airport Access Control System	12/31/1999
Land Highway Traffic Control Devices	1/1/2000
State Equipment Fleet Vehicles and Shop Equipment	11/2000
State Equipment Fleet Equipment Management System	1/1/2000
Fairbanks International Airport Access Control System	12/31/1999
Fairbanks International Airport Andover Heating, Ventilating, Air Cond Control	12/31/1999
Fairbanks International Airport Fire Alarm System	12/31/1999
Sitka Airport	1/1/2000
Telecommunication Infrastructure	1/1/2000
Third Party Billing System	10/1/1999
Public Facilities, Buildings	1/1/2000

State of Alaska - Year 2000 Project
Y2K Project Office

MISSION-CRITICAL BUSINESS FUNCTIONS
tied to economic well-being of Alaskans

ENTERPRISE-LEVEL

This list represents the "enterprise-level" mission-critical business functions that are tied to economic well-being of Alaskans.

Administration

Procurement
Accounting
On-Line Personnel Recruitment

COMMERCE AND ECONOMIC DEVELOPMENT

AIDEA Loan Servicing
Investment Loan Servicing

EDUCATION

Post-Secondary Education Commission – Loans

FISH & GAME

Licensing fishermen, crew members and vessels for commercial fishing across the state
Enhancement Hatcheries
Process Fish Tickets

GOVERNOR

Elections

NATURAL RESOURCES

DNR's revenue processing
Property recorder's office system
DNR oil patch
DNR Land Administration System.

REVENUE

Income & Excise Audit Division's Cash Processing
Process and deliver PFD checks
Collection of State Revenues
Disbursement of State Funds

Updated: 1/20/99

**In-house investment management of State/ASPIB fixed income
Permanent Fund Corporation - Asset Management**

TRANSPORTATION

Third Party Billing System

Department of Administration

Retirement and Benefits software enhancements \$400.0 PERS/TERS

Purpose is for this project is to:

- fully automate and consolidate functions in a single computer system including:
 - retiree payroll
 - employer contribution reporting
 - member service and contribution record-keeping
 - employment segment, refund and indebtedness record-keeping
 - retiree benefit and adjustment calculations

What specific hardware/software/consulting/etc. will be purchased?

- \$150.0 to upgrade existing hardware
- \$250.0 for contractual services

Retirement and Benefits data processing services \$250.0 PERS/TERS

Purpose for this project is to:

- Test and certify in-house systems believed to be compliant.
- Make systems changes to make non-compliant systems compliant, including remediation or replacement.

What specific hardware/software/consulting/etc. will be purchased?

- Contractual services to perform testing
- purchase contractual services necessary to remediate non-compliance and re-testing.

Information Technology Group mainframe test environment \$2126.0 CBRF

Purpose of this project is to:

- Provide a separate mainframe hardware and software environment for agencies to test, remediate, and validate legacy applications Y2K functionality and compliance.

What specific hardware/software/consulting /etc. will be purchased?

- Upgrade of mainframe from IBM 9672-R44 Group 60 CUP (172 Mips) to an IBM 9672-R45 Group 70 (209 Mips) and maintenance
- Additional 1 GB of main memory for mainframe
- Duplicate MVS software costs to support non-OS/390 capable applications
- Automated tape library
- Additional 370 GB of disk

Office of Public Advocacy trust system upgrade **\$104.0 CBRF**

Purpose for this project is to:

- This is a new system replacement, current system is not Y2K compliant.

What specific hardware/software/consulting/etc. will be purchased?

- Server Equipment
- Desktop Computer
- Desktop Operating System software
- Training on software systems

Y2K Project Administration **\$868.4 CBRF**

Purpose of this project is to:

- Manage coordinate all aspects of the State's efforts for Y2K

What specific hardware/software/consulting/etc. will be purchased?

- 18 months personal services time for Y2K administration of projects

Department of Commerce
Alaska Public Utilities Commission assessment **\$75.0 CBRF**

Purpose of this project is to:

- Conduct independent validation and verification of approximately 200 to 300 utilities and pipeline carriers to ensure Y2K compliance

What specific hardware/software/consulting/etc. will be purchased?

- Contractor to be hired to travel to locations throughout the state to conduct assessment of Y2K compliance.

Department of Corrections
Correctional facilities embedded systems **\$65.0 CBRF**

The purpose of this project is to:

- Audit and review internal telecommunications systems of each institution

What specific hardware/software/consulting/etc. will be purchased?

- \$25.0 is needed to audit and review the internal telecommunication systems of each institution to ensure that internal communication is Y2K compliant.
- \$40.0 is needed to review the fifteen (15) local Community Jails and the ten (10) CRC's are properly interfaced with the Department of Corrections and program codes are Y2K compliant to allow capturing of necessary prisoner data

Department of Corrections

Data Processing hardware replacement

\$560.0 CBRF

The purpose of this project is to:

- Replace Wide Area Network and Local Area Network infrastructures in 32 sites across the state with Y2K compliant systems.

What specific hardware/software/consulting/etc. will be purchased?

- Replace equipment - 160 PC's @\$1.5 each = \$240.0
- 32 WAN/LAN sites @\$10,000 = \$320.0

Cook Inlet Pre-Trial Facility Central control system replacement

\$1,000.0 CBRF

The purpose of this project is to:

- Purchase a new security monitoring system to replace existing system that is not Y2K compliant.

What specific hardware/software/consulting/etc. will be purchased?

- A new stand alone security system incorporating the day to day programs necessary to operate the facility and will be designed for simplified control room operator input.

Department of Environmental Conservation

Statewide equipment, software, and database compliance

\$533.5 CBRF

The purpose of this project is to:

- Replace lab equipment that is not Y2K compliant.

What specific hardware/software/consulting/etc. will be purchased?

- Lab equipment, analyzers transmuter, etc
- For additional detail, see page 24.

Community wastewater systems assessment

\$28.0 CBRF

The purpose of this project is to:

- Assess wastewater systems that may be embedded with date chips and will be subject to failure.

What specific hardware/software/consulting/etc. will be purchased?

- Gather information as it relates to date-imbedded chips in the various communities
- Identify by facility those systems in Alaska that present a Y2K non-compliance problem

Department of Health and Social Services

\$4.0 CBRF

McLaughlin Youth Facility heating, ventilation, and air conditioning system upgrade

The purpose of this project is to:

- This remediation project would involve replacement of non-Y2K compliant embedded microchip in the HVAC regulator in the MYC school building.

What specific hardware/software/consulting/etc. will be purchased?

- Y2K compliant microchip, associated operational components as required and installation of these units as necessary.

McLaughlin Youth Facility telephone system upgrade

\$30.0 CBRF

The purpose of this project is to:

- This remediation project would involve replacement of the non-Y2K compliant embedded microchips in the telephone system. This system upgrade and remediation would also allow for a system reconfiguration resulting in greater efficiency and operation of the facility telecommunication equipment.

What specific hardware/software/consulting/etc. will be purchased?

- Purchase Y2K compliant micro chip, associated operational components as required and installation of these units as necessary.

Public Health Laboratory server replacement

\$10.0 CBRF

The purpose of the project is to:

- Remain compliant with the legislative mandate to bill for services.

What specific hardware/software/consulting/etc. will be purchased?

- Hardware - Server that will be running Novell 4.1 operating system

Emergency Medical Services certification database replacement

\$20.0 CBRF

The purpose of this project is to:

- Replace the suite of programs which comprise the current data base with an updated system that is Y2K compliant.
- The EMS certification data base is necessary to keep track of who has been appropriately trained and certified as well as those who have been certified in previous years. The total database includes over 20,000 records.

What specific hardware/software/consulting/etc. will be purchased?

- A new windows '98 based PC will be purchased. A contract for programming services will be developed which results in existing suite of programs being completely replaced.

Alaska Psychiatric Institute hospital information system upgrade \$100.0 CBRF

The purpose of this project is to:

- This project will bring API's HIS (Hospital Information System) into Y2K compliance.

What specific hardware/software/consulting/etc. will be purchased?

- Software upgrades and consultant/contractor programmer time need to implement the upgrade.

**Medicaid management information systems upgrade \$2,400.0 CBRF/ Fed Rcpts
CBRF \$600.0
Fed Rcpts. \$1,800.0**

The purpose of this project is to:

- Bring all Medicaid Management Information System (MMIS) subsystems into Y2K compliance so that claims can be processed and paid for the estimated 80,000 Alaska Medicaid recipients.

What specific hardware/software/consulting/etc. will be purchased?

- Software for MMIS

Department of Natural Resources \$225.0 CBRF

The purpose of this project is to:

- This project will eliminate the SNA network used by the Recording Office and replace it with TN3270 emulation on the statewide WAN.

What specific hardware/software/consulting/etc. will be purchased?

- Replace routers, and SNA terminals and printers in Fairbanks, Anchorage, Juneau, and Kenai.

Department of Transportation statewide public facilities \$4,500.0 CBRF

The purpose of this project is to:

- Assess and correct Y2K problems associated with imbedded chip technology in building systems currently owned and operated by the State and being used in direct support of a mission critical business function.

What specific hardware/software/consulting/etc. will be purchased?

- Any replacement of Y2K non-compliant imbedded systems. Access control, heating and ventilation systems etc.

**State Equipment fleet emissions test equipment replacement \$75.0 CBRF / Fed Rcpts
CBRF \$6.8
Fed Rcpts \$68.2**

The purpose of this project is to:

- Replace four emissions testing units that serve the State's Equipment Fleet. These test units are mandatory to ensure the equipment fleet complies with the standards for carbon monoxide emissions.

What specific hardware/software/consulting/etc. will be purchased?

- Four emissions testing units.

2.2.1 = 2,000 x 9 = 4500

Alaska Marine Highway System re mediation

\$600.0 CBRF/ Fed Rec
CBRF. \$54.2
Federal Receipts \$545.8

The purpose of this project is to:

- Identify all on-board systems that are not Y2K compliant; prioritize systems and replace or upgrade critical systems which cannot be certified as Y2K compliant.

What specific hardware/software/consulting/etc. will be purchased?

- Hire contractor to remediate the ferry fleet,
- Replacing any imbedded systems that are not Y2K compliant

Kennicott assessment

\$110.0 CBRF

Reduce to 26,000

The purpose of this project is to:

- Assessment, remediation and Y2K certification of the Kennicott.

What specific hardware/software/consulting/etc. will be purchased?

- Hire contractor to perform the assessment and remediation.

OK

AP/AL: Appropriation with Allocations
 Historical Category: Public Support Technology/Serv
 Location: Statewide
 Election District: Statewide
 Estimated Project Dates: 7/1/1998 - 6/30/2003

Project Type: Transitional

Contact: Robert Poe
 Contact Phone: (907)465-2200

Brief Project Summary and Statement of Need:
 Year 2000 Compliance Projects

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
Ben Sys	\$650,000						\$650,000
CBR Fund	\$11,020,103						\$11,020,103
Fed Rcpts	\$2,414,050						\$2,414,050

Total:	\$14,084,153	0	0	0	0	0	\$14,084,153
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	Amount	Staff
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

DC

Y2K Retirement and Benefits Software Enhancements

FY1999 Request: \$400,000

Reference No: 6114

AP/AL: Allocation

Project Type: Information Systems

Historical Category: Public Support Technology/Serv

Location: Statewide

Contact: Sharon Barton

Election District: Statewide

Contact Phone: (907)465-2277

Estimated Project Dates: 7/1/1998 - 6/30/2003

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

This project completes the replacement of the old Retirement and Benefits BENECALC system with the new Y2K compliant Combined Retirement System.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
Ben Sys	\$400,000						\$400,000

Total:	\$400,000	0	0	0	0	0	\$400,000
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

Y2K Retirement and Benefits Software Enhancements Cont.

Questions:

How does this project solve the agency's Y2K problems?

The current mainframe computer system (BENECALC) is not year 2000 compliant. The Combined Retirement System (CRS) currently undergoing testing and implementation is year 2000 compliant. If the CRS is implemented on schedule, the division will have a reliable system which will ensure that service to members and employers is not interrupted.

Is this request on your agency's Y2K work plan?

Yes.

Has this project been previously approved by TIC/TAC?

Yes.

What is the purpose of the project?

To fully automate and consolidate functions in a single computer system including:

- retiree payroll
- employer contribution reporting
- member service and contribution record-keeping
- employment segment, refund, and indebtedness record-keeping
- retiree benefit and adjustment calculations

Project cost past/present/future?

Capital Expenditures for CRS:

Total Expended FY93-98:	\$2,889,714
Expended To date FY99:	89,878
Projected for the Remainder of FY99	270,000
This Request:	400,000
Total	\$3,649,592

Is this a new systems development project, upgrade, or enhancement?

\$150.0 is requested to upgrade existing hardware. \$250.0 is requested for contractual services to upgrade the functionality of CRS and to address deficiencies which have been uncovered during the initial implementation phase.

What specific hardware/software/consulting/etc. will be purchased?

LAN components, desktop microcomputers, printers and other peripherals will be purchased from a variety of vendors. Contract amendments are currently pending award to purchase systems analysis and software development services from Retirement Concepts Group and Powertech Toolworks, Inc.

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

Services to members and member employers will be more timely and accurate.

How does project fit into the department's long-range technology plans?

The CRS project was included among the long-range plans identified in the Statewide Information Management Plan published in March 1993 (pp. 35-36).

Y2K Retirement and Benefits Software Enhancements Cont.

How does project fit into the technology goals of the Knowles/Ulmer administration? (They are: Improve public access to information; Maximize service to the public through voice, video and data systems; Optimize government efficiencies; Explore innovative and cost-effective services that meet Alaska's challenges; Stimulate the development of private and public services.)

Government efficiencies are optimized by automating reporting for member employers (political subdivisions).

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

Yes. Member employers are able to report mandatory retirement system contributions, indebtedness payments, and adjustments with a computerized data files instead of paper "turn-around" documents. The use of paper forms is also reduced because hire, termination, and other employment status information will be transmitted electronically. The division will be better able to satisfy IRS reporting requirements.

What, if any, impacts are anticipated to ITG services?

As computing capacity for the CRS resides on two IBM AS/400 computer systems, the need for ITG's mainframe computing capacity for the existing BENECALC computer system will be diminished and eventually end. However, many data center services currently purchased from ITG (printing retiree payroll warrants and a variety of reports output by CRS) will continue to be purchased from the ITG. In addition, the division will still be purchasing facility services and logical units (port access and "logons") from the ITG to access the AS/400 system housed in the Juneau Data Center.

What happens if the project is not approved?

Service to members and member employers will be compromised. As it is not possible to modify the existing BENECALC computer system to make it year 2000 compliant within time constraints, data integrity and data security of pension contribution and service records will be compromised if the CRS is not implemented on schedule.

Y2K Mainframe Test Environment

FY1999 Request: \$2,126,300

Reference No: 6106

AP/AL: Allocation

Project Type: Information Systems

Historical Category: Public Support Technology/Serv

Location: Statewide

Contact: Sharon Barton

Election District: Statewide

Contact Phone: (907)465-2277

Estimated Project Dates: 7/1/1998 - 6/30/2003

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

This project will provide a separate mainframe environment for agencies to test, remediate, and validate legacy application Y2K functionality and compliance. It will provide upgrades/additional resources for mainframe, memory, disk/tape hardware, and software necessary to provide this environment.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$2,126,300						\$2,126,300

Total:	\$2,126,300	0	0	0	0	0	\$2,126,300
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

Y2K Mainframe Test Environment Cont.

HOW DOES THIS PROJECT SOLVE THE AGENCY'S Y2K PROBLEMS?

Agencies need a totally separate mainframe hardware and software environment with which they can test, remediate, and validate legacy application Y2K functionality and compliance. This project provides upgrades or additional resources for mainframe CPU, memory, disk and tape hardware, and software necessary to provide this separate environment.

IS THIS REQUEST ON YOUR AGENCY'S Y2K WORK PLAN?

Yes

HAS THIS PROJECT BEEN PREVIOUSLY APPROVED BY TIC/TAC?

No

WHAT IS THE PURPOSE OF THE PROJECT?

To provide a separate mainframe hardware and software environment for agencies to test, remediate, and validate legacy application Y2K functionality and compliance.

PROJECT COST PAST/PRESENT/FUTURE?

This CIP request \$2,126.3

IS THIS A NEW SYSTEMS DEVELOPMENT PROJECT, UPGRADE, OR ENHANCEMENT?

No, this is to provide a separate Y2K testing environment for the mainframe.

WHAT SPECIFIC HARDWARE/SOFTWARE/CONSULTING/ETC. WILL BE PURCHASED?

- Upgrade of mainframe from IBM 9672-R44 Group 60 CUP (172 Mips) to an IBM 9672-R45 Group 70 (209) Mips) and maintenance
- Upgrade of all IBM and OEM software licenses from Group 60 to Group 70 versions and maintenance
- Additional 1 GB of main memory for mainframe
- Duplicate MVS software costs to support non-OS/390 capable applications
- Automated tape library
- Additional 370 GB of disk

HOW WILL SERVICE TO THE PUBLIC IMPROVE IF THIS PROJECT IS FUNDED?

This project will provide a test environment for agencies to ensure continued uninterrupted delivery of service to the public.

HOW DOES THE PROJECT FIT INTO THE DEPARTMENT'S LONG-RANGE TECHNOLOGY PLANS?

ITG operates with an internal service fund which requires that equipment purchases be depreciated over the useful life of that class of equipment. Due to the extraordinary costs of operating this redundant testing environment, which requires hardware and software costs not built into the rate based services, this request is necessary.

Once Y2K conversion is completed, ITG will be able to reduce this short term redundancy requirements. If equipment is necessary after Y2K conversion is completed this equipment will become part of the ISF equipment replacement plan and will be built into future rate based services.

HOW DOES THE PROJECT FIT INTO THE TECHNOLOGY GOALS OF THE KNOWLES/ULMER ADMINISTRATION? (They are: Improve public access to information; Maximize service to the public through voice, video and data systems; Optimize government efficiencies; Explore innovative and cost-effective services that meet Alaska's

Department of Administration
Project Page: 2

Y2K Mainframe Test Environment Cont.

challenges; Stimulate the development of private and public services.)

This project is part of a larger Y2K compliance conversion project which is essential to meeting the Knowles/Ulmer administration goals. Failure of any hardware/software system to operate on day one of the new millennium will be a step backwards for the state and the administration. This project is intended to prevent these potential failures.

DOES THE PROJECT AFFECT THE WAY IN WHICH OTHER PUBLIC AGENCIES WILL CONDUCT THEIR BUSINESS?

Yes. This will be a separate and dedicated environment which provides resources and capabilities that agencies applications currently use in a production environment. This test environment will be scheduled by each agency for its usage and desired testing parameters as needed and requested.

WHAT, IF ANY, IMPACTS ARE ANTICIPATED TO ITG SERVICES?

Significant impacts to ITG are anticipated. ITG will maintain and support the test environment and assist agencies as needed in their testing.

WHAT HAPPENS IF THE PROJECT IS NOT APPROVED?

The century change date will remain the same. Some of the state's mainframe applications and systems will fail.

Y2K Retirement and Benefits Data Processing Services

FY1999 Request:

\$250,000

Reference No:

6122

AP/AL: Allocation

Project Type: Information Systems

Historical Category: Public Support Technology/Serv

Location: Statewide

Contact: Sharon Barton

Election District: Statewide

Contact Phone: (907)465-2277

Estimated Project Dates: 7/1/1998 - 6/30/2003

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

Funding is requested to ensure all the division's mission-critical systems are year 2000 compliant so that there is no compromise in service to retirees, members, and employers.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
Ben Sys	\$250,000						\$250,000

Total:	\$250,000	0	0	0	0	0	\$250,000
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

Y2K Retirement and Benefits Data Processing Services Cont.

How does this project solve the agency's Y2K problems?

Funding is requested to ensure all the division's mission-critical systems are year 2000 compliant so that there is no compromise in service to retirees, members and employers.

Is this request on your agency's Y2K work plan?

Yes.

Has this project been previously approved by TIC/TAC?

No.

What is the purpose of the project?

- 1) Requiring the division's contractors to certify that their systems are compliant.
- 2) Testing and certifying in-house systems believed to be compliant.
- 3) Making systems changes to make non-compliant systems compliant, including remediation or replacement.

Project cost past/present/future?

This request: \$250,000

Is this a new systems development project, upgrade, or enhancement?

This is a new request for contractual services to perform testing and necessary software modification to bring all the division's mission-critical systems into compliance.

What specific hardware/software/consulting/etc. will be purchased?

The division will purchase contractual services to perform some testing. For those systems which are found to be non-compliant, the division will purchase contractual services necessary to modify existing software and re-test modified software to ensure all systems are year 2000 compliant. As testing is completed, the division may also be required to upgrade or replace local-area network (LAN) components, desktop microcomputers, printers and other peripherals.

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

Services to members and member employers will not be compromised or interrupted if all systems which are date dependent are made compliant before December 31, 1999.

How does project fit into the department's long-range technology plans?

The project is consistent with department goals to automate services and contain costs.

How does project fit into the technology goals of the Knowles/Ulmer administration? (They are: Improve public access to information; Maximize service to the public through voice, video and data systems; Optimize government efficiencies; Explore innovative and cost-effective services that meet Alaska's challenges; Stimulate the development of private and public services.)

Automated data systems maximize the speed and accuracy with which the division may provide services to members and member employers. If approved, this project will ensure all mission-critical systems which are date dependent are made year 2000 compliant before December 31, 1999.

Y2K Retirement and Benefits Data Processing Services Cont.

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

Yes. Member employers will be able to continue to report mandatory retirement system contributions, indebtedness payments, and adjustments by transmitting computerized data files instead of paper "turn-around" documents. The use of paper forms will also be reduced because hire, termination, and other employment status information will continue to be transmitted electronically. The division will be able to satisfy IRS reporting deadlines for the production of 1099-R forms in February 2000.

What, if any, impacts are anticipated to ITG services?

The Division will require the ITG to certify that systems hardware and software which provide essential data center services (e.g. printing of retiree payroll warrants and 1099R forms) are year 2000 compliant.

What happens if the project is not approved?

If funding for testing, remediation and/or replacement is not approved, a variety of services critically important to retirees, active members, and employers may be compromised including:

- retiree payroll and direct deposit services
- IRS reporting and 1099-R form production
- processing and payment of health care claims
- processing of health insurance eligibility data
- annuity and periodic payments from defined-contribution plans (Supplemental Benefits System and Deferred Compensation)
- refunds of retirement system contributions and interest
- timely reporting and processing of member service information and member retirement system contributions and indebtedness payments

Y2K Office of Public Advocacy Trust System Upgrade

FY1999 Request:

\$104,000

Reference No:

6258

AP/AL: Allocation

Project Type: Information Systems

Historical Category: Public Support Technology/Serv

Location: Statewide

Contact: Sharon Barton

Election District: Statewide

Contact Phone: (907)465-2277

Estimated Project Dates: 7/1/1998 - 6/30/2003

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

The Office of Public Advocacy is upgrading the Computrust computer program used by the Public Guardian section to a Windows NT version. The AREV version they are using now is not Y2K compliant.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$104,000						\$104,000

Total:	\$104,000	0	0	0	0	0	\$104,000
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

Y2K Office of Public Advocacy Trust System Upgrade Cont.

How does this project solve the agency's Y2K problems?

Computrust is not Y2K compatible. The upgrade to a Windows NT platform will fix this problem.

Is this request on your agency's Y2K work plan?

Yes

Has this project been previously approved by TIC/TAC?

Yes

What is the purpose of this project?

To upgrade the Public Guardian's Computrust program so it will work for Y2K.

Project cost past/present/future?

It will cost \$104.0 to purchase software and hardware, and to provide training.

Is this a new systems development project, upgrade, or enhancement?

Upgrade

What specific Hardware/Software/Consulting/etc. will be purchased?

SERVER EQUIPMENT

1 Compaq Proliant 1600 Model 6/400
Pentium II 400mhz 512k cache
100mhz ECC RAM, CD-ROM
Dual Integrated Wide SCSI Contr.
Integrated 10/100 NIC
1 Compaq 2nd Processor Option Kit
2 Compaq 256mb RAM Upgrade kit
2 Compaq 9.1 Wide SCSI Drive
1 3COM US Robotics 5k Courier Int.
1 Omega SCSI ZIP drive, internal
1 Compaq V55 15" Color Monitor
1 APC 1400kva Smart UPS
1 Compaq Carbon Copy 32 v5.0 f/95&NT
1 MS Windows NT Server v4.0 w/25-CAL
1 Compaq 12/24 DAT internal Tape Back-up
1 Cheyenne Arcserver f/ NT v6.5
1 Adaptec Ultra SCSI Controller

OTHER EQUIPMENT

10 Cpq. Armada 7400 Pentium 266mhz
512k cache. 32mb RAM, 5GB HDD,
24x CD-ROM, 13.3" TFT Display
3.5" FDD, Win. 95
8 Cpq. 32mb Ram Upgrade f/ Armada
8 Cpq. Armada Ministation w/ Ethernet
8 Monitor Support Cover f/ Ministation
6 Cpq. Deskpro EN Desktop/ Model 6400/6' 30/CDS
Pentium II 400mhz, 512k Cache, 64mb RAM
6.4gb HDD, 24x CD-Rom, Sound, A TI Rage Turbo
Graphics, Integrated 10/100 NIC, 3.5" FDD. Win95

TRAINING

PWIS Training
Excel Training

Y2K Office of Public Advocacy Trust System Upgrade Cont.

PC Hardware/Operating Systems Training
Microsoft Windows NT 4.0 Administration/Support Training
Crystal Reports Training

ADDITIONAL EXPENSES

Software/Universe Package
Up/Download

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

Public Guardian client funds will be more effectively managed because of the extraordinary efficiencies created by this project.

How does this project fit into the department's long-range technology plans?

This upgrade will enable Computrust to work well into the 21st century.

How does project fit into the technology goals of the Knowles/Ulmer administration?

This project will maximize service to the public guardian clients and probate court by optimizing the critical public guardian functions of accounting and court reporting.

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

No.

What, if any, impacts are anticipated to ITG services?

They will help install new software, server, and supply support until the new OPA Computrust administrator is fully trained.

What happens if the project is not approved?

The accounting of public guardian case management functions will fail on January 1, 2000.

Y2K Project Administration

FY1999 Request: \$868,400

Reference No: 7115

AP/AL: Allocation

Project Type: Information Systems

Historical Category: Public Support Technology/Serv

Location: Statewide

Contact: Bob Poe

Election District: Statewide

Contact Phone: (907)465-2200

Estimated Project Dates: 7/1/1998 - 6/30/2003

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

Coordination of Y2K assessment, compliance and remediation projects.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$868,400						\$868,400

Total:	\$868,400	0	0	0	0	0	\$868,400
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

AP/AL: Allocation

Project Type: Information Systems

Historical Category: Public Support Technology/Serv

Location: Statewide

Contact: Tom Lawson

Election District: Statewide

Contact Phone: (904)465-2505

Estimated Project Dates: 7/1/1998 - 6/30/2003

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

Assess Y2K readiness of utilities.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$75,000						\$75,000

Total:	\$75,000	0	0	0	0	0	\$75,000
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

DOC Y2K Correctional Facilities Embedded Systems

FY1999 Request:

\$65,000

Reference No:

30768

AP/AL: Allocation

Project Type: Information Systems

Historical Category: Justice

Location: Statewide

Contact: Dwayne Peebles

Election District: Statewide

Contact Phone: (907)465-3339

Estimated Project Dates: 7/1/1998 - 6/30/2003

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

This project funds the Y2K review of institutional internal telecommunication sites, and reviews and interfaces at the 15 community jails and 10 local community residential centers throughout the state.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$65,000						\$65,000

Total:	\$65,000	0	0	0	0	0	\$65,000
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

DOC Y2K Correctional Facilities Embedded Systems Cont.

To address further Y2K actions, \$65,000 is needed to enable the Agency to make final professional assessments and requirements analysis of the issues, problems, and potential areas of exposure to Year 2000 (Y2K) related problems. The DOC has 15 local jails and 10 local community residential centers (half-way houses) which must be reviewed and interfaces made to make them Y2K compliant. In addition, internal institutional telecommunications systems will need to be reviewed and corrections made to address Y2K requirements.

Group #1:	Telecommunications Code Fixes.	@\$25,000 Total
Group #2:	Community Residential Centers (10) and Local Community Jails (15) Interface, Reviews	@\$40,000 Total

Other efforts, such as reviews and contingency plan development for the embedded systems of the 112 state-owned buildings (over 1.1 million square feet and \$324.3 million in replacement value) which the DOC occupies, will be handled by the Department of Transportation and Public Facilities who has the overall responsibility for all state-owned buildings. All DOC leased facilities embedded systems will be the responsibility of Lessors.

DOC Y2K Data Processing Hardware Replacement

FY1999 Request: \$560,000

Reference No: 30760

AP/AL: Allocation

Project Type: Information Systems

Historical Category: Justice

Location: Statewide

Contact: Dwayne Peoples

Election District: Statewide

Contact Phone: (907)465-3339

Estimated Project Dates: 7/1/1998 - 6/30/2003

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

Project funds the replacement of worn out, out-dated LAN/WAN hardware and work stations (personal computers) which are necessary to operate in any of the 32 work sites throughout the agency, and ensure Year 2000 compliance.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$560,000						\$560,000

Total:	\$560,000	0	0	0	0	0	\$560,000
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<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-time Project	<input type="checkbox"/> Phased Project	<input checked="" type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	Amount	Staff
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

DOC Y2K Data Processing Hardware Replacement Cont.

The Department of Corrections started putting in Wide Area Network (WAN) and Local Area Network (LAN) infrastructures in FY95 at each of their 32 work sites across the State. The first WAN/LAN sites were established with older hardware that will not be compliant with Year 2000 efforts and must be replaced to ensure that none of the work sites are cut off from the rest of the Agency's information system. Each work site ties directly into the agency's Offender Based State Correctional Information System (OBSCIS) and must access prisoner information daily.

The Agency also has approximately 300 personal computers which must be replaced as they are not Y2K compliant and cannot be made so with memory upgrades, etc. These personal computers are needed by Correctional Officers, Probation Officers, Health Care providers, administrative staff, to process operational and administrative functions critical to the operations of a correctional agency.

This project will make all the Agency's WAN/LAN sites Y2K compliant, ensure that all work stations (personal computers) are Y2K compliant. This equipment is on the Agency's Y2K work plan. The project has been previously reviewed and approved by the TIC/TAC committee.

The Agency has spent approximately \$3.2 million on WAN/LAN, and PC equipment in the past, expects to spend approximately \$100,000 during FY99, and needs this \$560,000 to complete all necessary equipment purchases to ensure that all necessary work sites have Y2K compliant WAN/LAN equipment with sufficient work stations (PCs) in place to perform the job necessary to track and support all state prisoner operations.

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.

There should be no additional impact on the State's ITG services as this equipment only replaces older, out-dated information equipment that connects to the ITG central service and the agency already pays a maintenance connection fee to ITG for the older information system hardware and equipment.

If this project is not approved, the Agency will have some work sites not ready for the Year 2000 conversion. A considerable number of personal computers will not be capable of entry into the OBSCIS data programs and prisoner records will have to be kept on paper files. These paper files would have to then be entered from other available work stations the Agency has which could delay critical information transfers. In addition, rolling work on to other workstations will impact the work load of others from prisoner over-populations, etc. Delays in prisoner record keeping could impact the accuracy of prisoner data files used daily by all law enforcement agencies and the court system.

DOC Y2K Cook Inlet Pre-Trial Facility Central Control System Replacement

FY1999 Request: \$1,000,000
Reference No: 30766

AP/AL: Allocation

Project Type: Renewal and Replacement

Historical Category: Justice

Location: Anchorage Areawide

Contact: Dwayne Peeples

Election District: Anchorage Areawide

Contact Phone: (907)465-3339

Estimated Project Dates: 7/1/1998 - 6/30/2003

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

This project funds the replacement of the Cook Inlet Pre-Trial Facility's central control room system with a new modern correctional control system and brings it into Year 2000 compliance.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$1,000,000						\$1,000,000

Total: \$1,000,000 0 0 0 0 0 \$1,000,000

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

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

DOC Y2K Cook Inlet Pre-Trial Facility Central Control System Replacement Cont.

The Cook Inlet Central Control room is the oldest control room system in the Department of Corrections. Virtually none of it is Year 2000 compliant and cannot merely have items added to bring it into compliance. All video monitors, entrance and exit controls, HVAC controls, and other electronic equipment needs to be replaced to enable the facility to be fully compliant to Y2K.

The system is on the Agency's Y2K work plan. It was not brought to the TIC/TAC Committee for review and approval as it wasn't categorized as a pure information systems issue. The system is controlled by a computer, however, all attached systems are electronic in nature. However, merely having a computer which is compliant will not make the system Y2K. All attachment systems which inter-relate to each other must be available to ensure the full system capability.

The Agency spends about \$70.0 per year maintaining the current Central Control Room functions. The new system will reduce the amount needed to maintain functions due to warranty provisions on the new equipment, however, we expect annual maintenance costs to resume after the warranty period due to intensive usage of the equipment. This project is included in the Agency's long-range technology plans. It will maximize video and data systems for the Cook Inlet Correctional Center and implement cost-effective services for the facility. No impact to ITG services as the systems are fully covered by the Agency through public maintenance contracts.

If this project is not approved, the Cook Inlet Correctional Center will have to implement a manual correctional center environment with considerable more safety and security staffing, and communication devices available for control and safety. With no Central Control Room station, the safety and security of the facility could be compromised.

DEC Y2K Statewide Equipment, Software and Database Compliance

FY1999 Request:

\$533,453

Reference No:

32345

AP/AL: Allocation

Project Type: Health and Safety

Historical Category: Health/Safety

Location: Statewide

Contact: Barbara Frank

Election District: Statewide

Contact Phone: (907)465-5256

Estimated Project Dates: 7/1/1998 - 6/30/2003

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

This project will bring DEC's equipment for the state drinking water program and related laboratory support; the air monitoring and analysis program; the drinking water, food, environmental samples databases; and water quality/watershed analysis databases into compliance with Y2K.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$533,453						\$533,453

Total:	\$533,453	0	0	0	0	0	\$533,453
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	\$533,453	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

DEC Y2K Statewide Equipment, Software and Database Compliance Cont.

Y2K - DEC Critical Mission Analysis

Laboratory Program - The equipment in DEC's laboratory program provides the tools to certify other drinking water laboratories, and to perform analyses of environmental samples. It is also used to develop analytical procedures and methodologies used to identify chemical compounds in environmental samples. Such procedures must be developed and verified by the state's laboratory before other laboratories can use these same techniques. Laboratory equipment is also used to test samples for regulated chemical concentrations, "fingerprint" oil collected from spills, monitor or verify waterbody conditions (Cook Inlet, for example) and to meet standards set by EPA for state labs.

Air Monitoring and Analysis - DEC's air monitoring equipment provides the tools to monitor air quality and identifies when pollutant conditions pose a public health problem. This is particularly prevalent in several of Alaska's cities where extremely cold air conditions create "inversion" layers that trap and keep airborne pollutants near the ground. Other air monitoring equipment determines wind speed and direction at various altitudes, which is information needed by the Alaska Fire Service during forest fires.

Drinking Water, Food, Environmental Samples, and Water Quality/Watershed Analysis Databases - DEC's drinking water and laboratory sampling tracking, and water quality databases provide access to past and existing sampling information. From them, the department can analyze historical information to identify non-compliant systems; review historical contamination information to prioritize sampling activities by-geographic area and organisms causing contamination; and provide support for responding to environmental changes and revisions to regulations. Also, sampling performed by department staff on water bodies where water quality is unknown, or as part of a permit requirement, determines if water meets regulated standards to established background water quality data.

Monitoring and analysis equipment and databases all have associated date information. Date values come from imbedded hardware acting as a clock or as records that have been entered using database software. Older equipment and software were not designed to address date values greater than 2000. In order to assure valid data, equipment and database software must be updated to eliminate the possibility of date values becoming an issue on monitoring and analysis information. In recognition of this, the department has included the remediation of equipment and databases in its Year 2000 workplan and expects remediation costs to be a one-time expenditure. Remediation costs can thus be considered an upgrade since funding replaces older equipment and converts databases into Year 2000 compliant database applications. The department's long range planning includes replacing older equipment and improving access to data as new technologies become available. This project fits these goals by updating equipment and databases, thus allowing the department to continue to improve communication and data transfers between agencies and the public. The department does not anticipate these projects will affect ITG services.

The public depends on the Department of Environmental Conservation's data for a variety of reasons. If analysis equipment and databases are not remediated or replaced, the department would not be able to make food, water, and analysis information available to the public and private industry because of questionable quality. This would significantly compromise the department's ability to meet its statutory requirements. The state has made it a goal to improve data access and maximize public service. To meet this goal the department must have adequate equipment and databases. Correcting date sensitive equipment and databases will improve service to the public by allowing the department to continue to provide accurate information on water, food, and environmental analysis and maintain its ability to act as a certifying entity for other laboratories.

After the Year 2000 numerous pieces of analytical equipment in the department's laboratory, air monitoring, and water quality/watershed analysis programs will not give correct data and sample information. Many equipment manufacturers do not plan to offer updates or patches to allow their equipment to continue to properly function. The department has been put on notice that modifications made to their equipment would in most cases result in warranty cancellations. The potential costs to the state of repairing equipment not covered by warranty are substantially greater than replacement costs. In order to protect human health and the environment, the laboratory, air monitoring, and water quality programs must have Year 2000 compliant equipment.

The drinking water, food, environmental samples, and water quality/watershed analysis databases are not Year 2000 compliant and cannot be upgraded to compliant versions. In order to assure that queries and results from these databases are valid, the department has opted to redevelop these databases with Year 2000 compliant applications.

DEC Y2K Statewide Equipment, Software and Database Compliance Cont.

Specific hardware/software/consulting/etc. acquired with the requested funding are noted as follows:

- Equipment for the laboratory program: Perkin Elmer FIAS, Perkin Elmer P3300, Perkin Elmer Z5000, Lachat FIAS, Dionex Ion Chromatography system, Hewlett Packard GCMS 5890-5970 Volatiles, Hewlett Packard GCMS 5890-5970 oil spill id, Hewlett Packard GCMS 5890-5971 sem. volatiles and a Hewlett Packard HPLC 1050.

- Equipment for the air monitoring program: ESC Software System for SUMX 405 Data loggers, (5); SUMX SX405 data acquisition systems, MRI 1074-12/896-1/2001 wind/temp sensor transducer, Aerovironmental Dopplmain v2.x software, Mettler AE240 analytical balance with filter weighing chamber, ETC 6002 data acquisition system, ESC data acquisition system, (3) Anderson FH 62 I-N PM10 beta-attenuation monitors.

- Equipment for the water quality/watershed analysis program:

Hydrolab WQ Datasondes (4), H2O Surveyor (1), Solomat WP803PS WQ Datasondes/Monitors (4).

- Databases for drinking water, food, environmental samples, and water quality/watershed analysis: Consulting services would be sought to convert database into MS Access 97. Additionally, the database application may be moved to the department's SQL server to allow greater access by staff.

Total anticipated project cost is \$533,453.

Failure to have Year 2000 compliant equipment and databases capable of giving reliable sampling information could endanger public health and safety by losing its ability to analyze, collect, maintain, and access reliable drinking water, food, environmental sampling data, and watershed information. This could result in unsafe drinking water, additional food poisonings, the inability to analyze oil spill samples to identify potential responsible parties and to monitor changing air quality conditions for public notice and regulatory requirements.

AP/AL: Allocation

Project Type: Information Systems

Historical Category: Health/Safety

Location: Statewide

Contact: Barbara Frank

Election District: Statewide

Contact Phone: (907)465-5256

Estimated Project Dates: 7/1/1998 - 6/30/2003

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

Assess Y2K readiness of wastewater systems.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$28,000						\$28,000

Total:	\$28,000	0	0	0	0	0	\$28,000
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

HSS Y2K McLaughlin Youth Facility Heating, Ventilation and Air Conditioning System Upgrade

FY1999 Request:
Reference No:

\$4,000
6150

AP/AL: Allocation

Project Type: Construction

Historical Category: Health/Safety

Location: Anchorage Areawide

Contact: Larry Streuber

Election District: Anchorage Areawide

Contact Phone: (907)465-3015

Estimated Project Dates: 7/1/1998 - 6/30/2003

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

Y2K McLaughlin Youth Facility Heating, Ventilation and Air Conditioning System Upgrade

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$4,000						\$4,000

Total:	\$4,000	0	0	0	0	0	\$4,000
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

HSS Y2K McLaughlin Youth Facility Heating, Ventilation and Air Conditioning System Upgr

An evaluation of all mechanical, electrical, communication and other automated systems at McLaughlin Youth Center was completed in the fall of 1998. This evaluation revealed the HVAC controller for the MYC cottage school was not Y2K compliant.

Educational development is a critical component of the comprehensive youth corrections treatment regimen provided to the juvenile offenders classified to MYC. To insure the continued delivery of these services in a safe and supportive physical environment, it is necessary to remediate the embedded systems which regulate the HVAC in the facility school building. This capital budget request would provide funds to complete this remediation project.

How does this project solve the agency's Y2K problems?

Remediation of the embedded system would insure continued mechanical operation of the HVAC in the MYC cottage school building. This would guarantee the school area would be heated and properly ventilated as appropriate for the seasons.

Is this request on your agency's Y2K work plan?

Yes. This is one of two specific capital project requests for MYC related to Y2K remediation.

Has this project been previously been approved by TIC/TAC?

No.

What is the purpose of the project?

This remediation project would involve replacement of the non-Y2K compliant embedded micro chip in the HVAC regulator in the MYC school building.

Project cost?

This project is expected to have a one-time cost of approximately \$4.0.

Is this a new systems development project, upgrade, or enhancement?

Replacement of the non-Y2K compliant embedded micro chips would be an upgrade to the HVAC system which was originally installed in the school building in 1994.

What specific hardware/software/consulting/etc. will be purchased?

Funds from this capital budget project will pay for both the Y2K compliant micro chip, associated operational components as required and installation of these units as necessary.

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

In a global sense, there is an interconnection between academic success and a lower incidence of criminal and anti-social behavior. By remediating the HVAC system, MYC will be able to continue to offer academic services in a safe and appropriate physical environment to institutionalized delinquent youth. In this supportive environment, the MYC residents are more likely to meet their academic objectives. As they improve their academic development, they become less likely to engage in further delinquent or criminal activity. Lower incidents of reoffense activity means our communities are safer. Working to meet the safety concerns of the public is a fundamental purpose of government, and in this, to objective for improved public service is met.

How does this project fit into the Department's long-range technology plans?

This project is consistent with statutory mandates to meet the health and safety needs of youth committed to the care of the State of Alaska. This project is a one time event and is not part of a long-range technological plan for the Department.

How does this project fit into the technology goals of the Knowles/Ulmer administration?

This project would optimize government efficiencies by providing the means by which educational services can continue to be delivered to the residents of MYC in a safe and supportive environment.

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

No.

HSS Y2K McLaughlin Youth Facility Heating, Ventilation and Air Conditioning System Upgr

What, if any impacts are anticipated to ITG services?

None.

What happens if this project is not approved?

If this project is not approved, it is possible there would be an HVAC system Y2K failure. A system failure would result in no or inadequate heat and ventilation at the MYC school facility and could cause severe damage to the building with frozen pipes, etc. due to a lack of heat. A system failure of this nature would render the school facility as an unsuitable environment in which to provide educational services to facility residents. It is possible to provide limited educational services in other areas of the facility on a short term basis, however, this could not be viewed as a viable, long-term solution should there be an HVAC failure because of Y2K.

Is this a mission critical system?

Yes.

HSS Y2K McLaughlin Youth Facility Telephone System Upgrade

FY1999 Request:

\$30,000

Reference No:

6151

AP/AL: Allocation

Project Type: Equipment

Historical Category: Health/Safety

Location: Anchorage Areawide

Contact: Larry Streuber

Election District: Anchorage Areawide

Contact Phone: (907)465-3015

Estimated Project Dates: 7/1/1998 - 12/31/1999

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

Y2K McLaughlin Youth Facility Telephone System Upgrade

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$30,000						\$30,000

Total:	\$30,000	0	0	0	0	0	\$30,000
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

HSS Y2K McLaughlin Youth Facility Telephone System Upgrade Cont.

An evaluation of all mechanical, electrical, communication and other automated systems at McLaughlin Youth Center was completed in the fall of 1998. This evaluation found the current Meridian telephone communications system is not Y2K compliant and must be upgraded to adequately meet the facility communication needs. To meet the health and safety needs of the youth facility residents and staff as well as to provide services which insure the safety of the community, it is necessary to seek funding to address the Y2K and upgrade issue. A number of alternatives were evaluated including a transfer to the statement system, a complete replacement of the current Meridian system, taking no action at all hoping any possible Y2K effect would be within the limits of a "tolerable" dysfunction, or to upgrade the existing system. The last option, a system upgrade, was found to be the most direct and cost effective solution to remediate the Y2K concern and to continue to meet the health and safety needs of the facility and community.

How does this project solve the agency's Y2K problems?

Remediation of the embedded system would insure ongoing, uninterrupted operation of the MYC Meridian telecommunications system. Continued telecommunications capability to, in and out of the youth facility is vital to insure the health and safety of both the facility residents and staff as well as the general community.

Is this request on your agency's Y2K work plan?

Yes. This is one of two specific capital project requests for MYC related to Y2K remediation.

Has this project been previously been approved by TIC/TAC?

No.

What is the purpose of the project?

This remediation project would involve replacement of the non-Y2K compliant embedded micro chips in the telephone system. This system upgrade and remediation would also allow for a system reconfiguration resulting in greater efficiency and operation of the facility telecommunications equipment.

Project cost?

This project is expected to have a one-time cost of approximately \$30.0.

Is this a new systems development project, upgrade, or enhancement?

Replacement of the non-Y2K compliant embedded micro chips would be an upgrade to the existing system.

What specific hardware/software/consulting/etc. will be purchased?

Funds from this capital budget project will pay for both the Y2K compliant micro chip, associated operational components as required and installation of these units as necessary. The Division of Information Services indicates this purchase will provide for equipment and installation costs related to a telecommunications upgrade.

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

Remediation and upgrade of this system will result in greater telecommunication access to and from the public.

How does this project fit into the Department's long-range technology plans?

This project is consistent with statutory mandates to meet the health and safety needs of youth committed to the care of the State of Alaska. This project is a one time event and is not part of a long-range technological plan for the Department.

How does this project fit into the technology goals of the Knowles/Ulmer administration?

This project would optimize government efficiencies by improving and guaranteeing adequate telecommunications to and from McLaughlin Youth Center.

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

No.

What, if any impacts are anticipated to ITG services?

None.

HSS Y2K McLaughlin Youth Facility Telephone System Upgrade Cont.

What happens if this project is not approved?

If this project is not approved, it is possible there could be a Y2K telecommunications failure at MYC. A system failure would seriously jeopardize the health and safety of the facility residents and staff and could threaten the safety of the community.

Is this a mission critical system?

Yes.

AP/AL: Allocation

Project Type: Information Systems

Historical Category: Health/Safety

Location: Juneau Areawide

Contact: Larry Streuber

Election District: Juneau Areawide

Contact Phone: (907)465-3015

Estimated Project Dates: 7/1/1998 - 12/31/1999

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

The nature of this project is to keep an existing system automated. This proposal is to replace the billing system server which failed year 2000 BIOS test with a new server.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$10,000						\$10,000

Total:	\$10,000	0	0	0	0	0	\$10,000
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	Amount	Staff
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

HSS Y2K Public Health Laboratory Server Replacement Cont.

Justification for additional funding will solve Public Health Lab's Year 2000 computer system problem by keeping existing system operational, and this proposed systematical solution is included in Lab's FY99 work plan. This additional funding request has been presented to the Technology Information Committee/Technology Advisory Committee (TIC/TAC) but has not yet been approved by the TIC/TAC.

The purpose of this project is to keep the existing system operational. This project will upgrade and enhance existing system. The purchase will include a Dell Server and Novell Operating System. This work plan will consolidate into the Department's and Governor's long-range technology plan producing efficient interagency and public services.

The proposed project is the most practical, cost-effective, and efficient approach to rectify any potential Year 2000 computer systematical problem. This proposed project will not impact Information Technology Group's services. If this proposed project funding request is denied, other less cost-effective methods will need to be developed for laboratory billing and specimen data tracking services.

How does this project solve the agency's Y2K problems?

After reviewing our current Billing System, we found that the hardware is not year 2000 compliant. The Billing System is a critical interface between the Laboratory and our Clients. This system handles a large amount of data. This project would solve our problem by moving this system onto year 2000 compliant hardware.

Is this request on your agency's Y2K work plan?

The Billing System is included in our year 2000 plan.

Has this project been previously approved by TIC/TAC?

We have not discussed this project with TIC/TAC.

What is the purpose of the project?

The purpose of this project is to remain compliant with the legislative mandate to bill for services.

Project cost past/present/future?

We estimate the cost of this project to be \$10,000

Is this a new systems development project, upgrade, or enhancement?

This would be considered a hardware upgrade. The hardware will be upgraded to year 2000 compatible.

What specific hardware/software/consulting/etc.will be purchased?

Hardware - Dell Poweredge Server that will be running Novell 4.1 operating system.

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

This will provide us with an opportunity to keep our Clients records from becoming corrupt. We do not propose to modify the software application, but we do propose to run it on hardware that is year 2000 compliant. The Billing System uses the system date, which is generated from the system BIOS. The Billing application inserts system dates into our medical records. If we did nothing, we would be unable to determine which dates were valid, and which dates were caused by the faulty hardware.

How does project fit into the department's long-range technology plans?

This fits into the department's long range technology plan by keeping our systems operational.

How does project fit into the technology goals of the Knowles/Ulmer administration? (They are: Improve public access to information; Maximize service to the public through voice, video and data systems; Optimize government efficiencies; Explore innovating and cost-effective services that meet Alaska's challenges; Stimulate the development of private and public services.)

This project fits into the Knowles/Ulmer administration technology goals by optimizing Government efficiencies. This will be implemented by consolidating the Billing system and the Anchorage Stars (Specimen tracking system) onto the same server. This will also be cost effective to the State of Alaska, because there will be one less server to maintain.

HSS Y2K Public Health Laboratory Server Replacement Cont.

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

Yes. Some of our clients are public agencies. These agencies are billed for services.

What, if any, impacts are anticipated to ITG services?

We can not foresee any impacts to ITG services.

What happens if the project is not approved?

Our Billing system will fail. We will not be able to continue to run this system as is. A manual system would be very labor intensive and prone to errors.

Is this a mission critical system?

Yes.

HSS Y2K Emergency Medical Services Certification Database Replacement

FY1999 Request: \$20,000
Reference No: 6153

AP/AL: Allocation
Historical Category: Health/Safety
Location: Statewide
Election District: Statewide
Estimated Project Dates: 7/1/1998 - 12/31/1999
Appropriation: Y2K Project Office

Project Type: Information Systems
Contact: Larry Streuber
Contact Phone: (907)465-3015

Brief Project Summary and Statement of Need:
 Y2K Emergency Medical Services Certification Database Replacement

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$20,000						\$20,000

Total:	\$20,000	0	0	0	0	0	\$20,000
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

HSS Y2K Emergency Medical Services Certification Database Replacement Cont.

What is the purpose of the project?

The Emergency Medical Services Database manages data relating to individuals and training programs, tests, score reporting and certificate and wallet card generation, with links to the interactive voice response system. The existing system has problems with year 2000 dates as well as problems related to age and platform of the database. The purpose of this project is to replace the suite of programs which comprise the current system with an updated system that is Y2K compliant.

The Section of Community Health and EMS certifies EMTs under AS 18.08.082 and 7AAC 26.010 - 7AAC 26.170. This is equivalent to "licensing" health professionals. By being certified, EMTs are granted immunity from liability under AS 18.08.086 and are authorized to perform basic and advanced life support skills as defined by their level of certification. Recertification is required every two years.

The EMS certification database is necessary to keep track of who has been appropriately trained and certified (approximately 4,000 currently certified individuals) as well as those who have been certified in previous years (some of whom may be eligible for recertification). The total database includes over 20,000 records.

If this system fails, we would have serious difficulty keeping track of who is or isn't certified. Without certification, EMTs would be prohibited from performing many critical, life-saving skills, such as I.V. therapy, manual defibrillation, endotracheal intubation or other advanced airway devices, and administration of many life-saving drugs. If EMTs are not certified to perform these skills, many lives would be jeopardized.

Also, occasionally, in malpractice cases, lawyers inquire about whether or not individuals were certified in previous years. Therefore, this data system contains significant medico-legal information.

The EMS certification database system also automatically scores written certification exams, has built in exam validations tests, and provides feedback to students and instructors on which sections of the examinations were passed or failed. Without this system, each examination would have to be scored by hand, which would be extremely time consuming and labor intensive, and probably impossible at current staffing levels.

Project cost past/present/future?

The system was developed by staff in the middle to late '80s. No estimate of development costs is available. We estimate it will cost approximately 20k to replace the existing system. The replacement system will be constructed to facilitate updates. We estimate that updates will be necessary every other year and that each update should cost less than 5K. We are not requesting funds at this time for future updates of the system.

Is this a new systems development project, upgrade, or enhancement?

This is a replacement for an existing suite of programs written in the late 1980s.

How does this project solve the agency's Y2K problems?

Complete replacement of the system will obviate Y2K problems. The system can be written with the specific intention of using four digit dates in data fields and calculations.

Is this request on your agency's Y2K work plan?

Yes

Has this project been previously approved by TIC/TAC?

This project has not been previously approved.

What specific hardware/software/consulting/etc.will be purchased?

A new windows '98 based PC will be purchased. A contract for programming services will be developed which results in the existing suite of programs being completely replaced. Certification requires one computer to run the certification programs. The scantron is used for scoring EMT tests, and then they are corrected with the computer programs. All certification data is entered in the main computer. All certificates, wallet cards, test scores, class data, and EMT lists are run from this computer. The \$20.0 will be used to contract with a computer programmer who has the expertise to analyze the suite of programs

Department of Administration
Project Page: 2

HSS Y2K Emergency Medical Services Certification Database Replacement Cont.

developed in DOS since the mid to late 1980s and rewrite them in a state of the art computer language to handle the system for the next several years.

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

In addition to several Y2K problems found in date calculation routines, the suite of software on which the current certification system depends is aging. Service to the public will improve because the new system will result in accurate reports, certificates, wallet cards, etc., and, presumably, the new software will be faster and more likely to integrate with other contemporary technologies, such as database deployment over the internet. An efficient EMS certification test scoring and database system will help ensure that appropriately trained and certified EMS responders are available statewide for medical emergencies.

How does project fit into the technology goals of the department and the Knowles/Ulmer administration?

The replacement system will fit into the technology goals in several ways. First, it will improve the timeliness and accuracy of data sent to clients and to emergency response agencies. Second, the Section of Community Health and EMS has used an interactive voice system for several years to allow clients to access parts of the certification database through touch tone phones. It is anticipated that the replacement system will not only correct the Y2K bugs in the existing voice response system but will enhance the system significantly. Lastly, it has been a goal of the section to make non-confidential certification data available in real time via the internet. We intend to ensure that any replacement system will include or facilitate the capabilities to do so. Our existing non-real time database on the web allows individuals to check certification statuses, levels of certification, etc., and has met with great success.

Is this a new systems development project, upgrade, or enhancement?

This is a replacement for an existing suite of programs written in the late 1980s.

Is this a mission critical system?

Yes.

**HSS Y2K Alaska Psychiatric Institute Hospital
Information System Upgrade**

**FY1999 Request: \$100,000
Reference No: 6157**

AP/AL: Allocation
Historical Category: Health/Safety
Location: Anchorage Areawide
Election District: Anchorage Areawide
Estimated Project Dates: 7/1/1998 - 12/31/1999
Appropriation: Y2K Project Office

Project Type: Information Systems
Contact: Larry Streuber
Contact Phone: (907)465-3015

Brief Project Summary and Statement of Need:
 Y2K Alaska Psychiatric Institute Hospital Information System

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$100,000						\$100,000

Total:	\$100,000	0	0	0	0	0	\$100,000
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

HSS Y2K Alaska Psychiatric Institute Hospital Information System Upgrade Cont.

How does this project solve the agency's Y2K problems?

The last big issue is AP's Hospital Information System (HIS). All of the other Y2K issues have or are being dealt with within the normal API budget. This project requires a major software upgrade along with contractor modifications to become Y2K complaint

Is this request on your agency's Y2K work plan?

Yes

Has this project been previously approved by TIC/TAC?

Unknown.

What is the purpose of the project?

This project will bring API's HIS into YK2 compliance.

HIS (Hospital Information System) is a series of tightly coupled programs that allow API to collect, compile and report patient data. Pharmacy records are maintained in this program as well as the billable information. HIS produces a series of reports that go to Joint Commission Accreditation of Health Organizations (JCAHO). API operates with JCAHO's accreditation. API's HIS statistical data is used for planing clinical programs internally, as well as statewide programs for mental health services. API submits data to other State agencies whose goals are to develop a network to identify mental health consumers and optimize services that are provided.

Project cost past/present/future?

API's HIS was free to the State because it was a software system originally written for the Veterans Administration and then made available to other public health facilities

Is this a new systems development project, upgrade, or enhancement?

This is an upgrade to the existing system.

What specific hardware/software/consulting/etc.will be purchased?

There is no new hardware needed, only software upgrades and consultant/contractor time need to implement the upgrade.

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

API is not expecting any new code revisions or software purchases to enhance the current system other than to make it Y2K compliant. There would not be any perceived improvement to the public, except that it would allow API to continue to keep its important health information and billing system operational. The issue is what will happen if API doesn't have HIS Y2K compliant. See 'What happens if the project is not approved?' for details

How does project fit into the department's long-range technology plans?

There is no approved request to replace API's HIS with a modern SQL based system. The current HIS will be the program that API uses for the next 3 to 5 years. How does project fit into the technology goals of the Knowles/Ulmer administration? (They are: Improve public access to information; Maximize service to the public through voice, video and data systems; Optimize government efficiencies; Explore innovative and cost-effective services that meet Alaska's challenges; Stimulate the development of private and public services.)

This project will allow the existing access to information, optimized government efficiencies and current use of private services to continue. Without this project, access to information will slow or halt, government efficiencies will drop, and costs will increase. Non-approval of this project would be contrary to the technology goals.

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

Yes. By having to resort to a paper based system until changes can be made, it will take a lot of additional staff time to fulfill the paper work requirements that API is mandated to do. This will slow down requests for information to other agencies when a patient is discharged for follow up work. It will also impact patient care as paper records are searched in order to fill prescriptions. Accounts receivables will lag far behind as hand tallies are done to bill responsible parties.

What, if any, impacts are anticipated to ITG services?

Department of Administration
Project Page: 2

HSS Y2K Alaska Psychiatric Institute Hospital Information System Upgrade Cont.

None, it's an in-house only problem.

What happens if the project is not approved?

API will have to resort to a paper based system to track its patients, conduct its pharmacy business and tally accounts receivable information for billing. It is currently estimated to take between 2 and 3 FTEs to complete the work being done by the HIS. Unless additional FTEs are authorized for API, it would be regular staff working overtime to keep the paperwork flowing.

HSS Y2K Medicaid Management Information System Upgrade

FY1999 Request: \$2,400,000

Reference No: 7113

AP/AL: Allocation

Project Type: Information Systems

Historical Category: Health/Safety

Location: Statewide

Contact: Larry Streuber

Election District: Statewide

Contact Phone: (907)465-3015

Estimated Project Dates: 7/1/1998 - 12/31/1999

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

Project will provide additional funding needed to complete Y2K remediation of Medicaid Management Information System.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$600,000						\$600,000
Fed Rcpts	\$1,800,000						\$1,800,000

Total: \$2,400,000 0 0 0 0 0 \$2,400,000

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

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

HSS Y2K Medicaid Management Information System Upgrade Cont.

The Department of Health and Social Services, Division of Medical Assistance operates, through a contractual arrangement with First Health Corporation, an automated claims payment system, which is certified by the federal Health Care Financing Administration. The contract with First Health is a comprehensive contract for claims payment and management reporting for the entire Medicaid system. Estimates are that this system through this contractual arrangement will process approximately 1.9 million individual medical claims in FY2000.

The Medicaid Management Information System (MMIS) is a legacy mainframe COBAL system created in the late 1970's. Of the thirteen subsystems, only the recipient and pharmacy point of sale subsystems are Y2K compliant. The Division of Medical Assistance and the contractor have been working for the last few years on the steps and process needed to reach full Y2K compliance by July 1, 1999. The following describes recent events that led to a shortfall.

In January 1998, First Health Services Corp. estimated the cost to upgrade Alaska's MMIS claims payment system to year 2000 compliance at \$1,186,087. First Health proposed the use of both bridging and windowing techniques to accomplish the upgrade. The state felt that it was getting a very good deal at that price when compared with the costs that other states were incurring to upgrade comparable MMIS systems. As an example, the state of Mississippi was to spend \$4,000,000 with EDS Corp. to upgrade its system. Mississippi's system was migrated from the Alaska system and tailored to fit the Mississippi program.

In September and October, First Health reviewed the status of the project. Based on the amount of time necessary to remediate a program, the number of programs involved, and the staffing level, it was very apparent that they would not meet the schedule. Since early October additional staff sufficient to complete the project in a timely manner were sought and employed/contracted. First Health has continued to monitor the project closely to ensure that the project stays on schedule, which calls for all of Alaska's MMIS code to be remediated by March 31, 1999 and for system and acceptance testing to be completed by June 30, 1999.

Recently, we have received communications from First Health Services Corp. requesting revision of the upgrade cost to \$3,493,495 or an increase of \$2,307,408 to more realistically reflect the actual cost to upgrade Alaska's MMIS. First Health indicates that their Chief Information Officer, who recently retired, misunderstood the scope, complexity and degree of difficulty of this effort. First Health has also made a similar request of the state of Virginia for the same reasons. Medicaid will need a supplemental of approximately \$600,000 GF and \$1.8 million Federal (we get 75% federal match).

Funds will be used to bring all MMIS subsystems into Y2K compliance so that claims can be processed and paid for the estimated 80,000 Alaska Medicaid recipients.

DNR Y2K Network Upgrade for Recorder's Office

FY1999 Request: \$225,000

Reference No: 32333

APIAL: Allocation

Project Type: Information Systems

Historical Category: Development

Location: Statewide

Contact: Nico Bus

Election District: Statewide

Contact Phone: (907)465-2406

Estimated Project Dates: 7/1/1998 - 12/31/1999

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

Purchase of hardware and software for Recorder's Office to replace equipment dedicated to SNA transmission. This is necessary to keep the Recorder's Office Y2K critical system operational, as DOA is dropping dedicated SNA support beginning 7/1/99.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$225,000						\$225,000

Total: \$225,000 0 0 0 0 0 0 \$225,000

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

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

DNR Y2K Network Upgrade for Recorder's Office Cont.

Recorder's Office Year 2000 Network Upgrade

This CIP Project will purchase hardware and network connections needed to run the Recorder's Office System on the statewide WAN using TN3270 emulation. Recorder's Office equipment dedicated to SNA transmission must be replaced. This change is required to keep this Y2K critical system operational.

These purchases are required to keep the Recorder's Office System operational through the year 2000. The Department of Administration is dropping dedicated SNA support beginning July 1, 1999. This policy change by DOA will eliminate redundant systems and eliminates hardware that is not Year 2000 compliant. DNR must replace the SNA hardware and network connections used by the Recorder's Office System. The change will result in a year 2000 compliant network setup for the Recorder's Office System.

If not funded this mission critical Y2K application will not be ready for the year 2000. In addition, proposed rate increases for SNA service may be too expensive to operate in remote offices. This would effectively close those offices.

What is the purpose of the project?

This project will eliminate the SNA network used by the Recording Office and replace it with TN3270 emulation on the statewide WAN.

How does this project solve the agency's Y2K problems?

The Recorder's Office System has been identified as a mission critical system for the Year 2000. The Department of Administration has directed departments to migrate off SNA and begin using TN3270 to improve service (faster response time) and to reduce telecommunication costs by eliminating the dual data circuits required supporting both services. The projected increase in costs to continue using SNA is expected to put the system at risk due to the proposed increased costs for SNA services.

Is this request on your agency's Y2K work plan?

Yes. The task described is rewriting the Recorder's Office System. This is a subtask of that project.

Has this project been previously approved by TIC/TAC?

No.

Project cost past/present/future?

Historically, SNA has only cost the department between \$15,000 and \$25,000 per year for the Recorder's Office System. Circuit costs for SNA were included in DOA's rate structure for all departments. With SNA usage falling, circuit costs for SNA usage will only be applied to those departments using SNA. DNR will be expected to help pay for circuit costs of \$6,000 to \$9,000 per month to each remote site in the state using SNA. This will eventually increase DNR's chargeback costs by \$10,000 to \$30,000 per month unless the conversion to TN3270 is made. Actual costs will be dependent on the number of other departments continuing to use SNA and the cost of each SNA circuit. Under TN3270, the chargeback costs now being incurred will continue.

Is this a new systems development project, upgrade, or enhancement?

It is a system upgrade. The conversion to the wide area network will be coordinated with other state agencies active in the remote office cities.

What specific hardware/software/consulting/etc. will be purchased?

The following costs will be incurred to install network hardware and PCs into seven Recording Offices. Three of the offices

Department of Administration
Project Page: 2

DNR Y2K Network Upgrade for Recorder's Office Cont.

already have access to existing routers, DSUs, and data circuits. The offices being upgraded are Ketchikan, Sitka, Nome, Kodiak, Homer, Palmer, and Bethel. This funding request will also replace SNA terminals and printers in Fairbanks, Anchorage, Juneau, and Kenai.

Projected Costs	
Routers (4 @ \$3,100)	\$12,400
3500 Codex DSUs (4 @ \$540)	\$2,160
Total Project Data Install Costs	\$2,000
Contract to run cable at 7 offices	\$7,000
WAN Install Fee (7 * \$1,979)	\$13,853
IP Address Fee (7 * \$100)	\$700
Projected Installation Labor -	
(Step 18J * 50 days)	\$13,820
Per Diem	\$2,500
Air Fare	\$4,000
PCs and Printers (65 total)	\$162,500
Total	\$220,933

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

System response time at public access terminals will improve from 10 to 20 seconds to less than 5 seconds in most offices. Data entry on the new system will be faster because of the WAN's speed. Delays in posting recordings will be reduced or eliminated giving the public access to the most current information nearly immediately.

How does project fit into the department's long-range technology plans?

The department has been working to eliminate SNA usage for three years. Nearly 350 terminals have already been converted. Conversion to TN3270 and WAN usage is a shared technology goal for DNR and DOA. This upgrade is in line with state goals to prepare for the Year 2000 and to connect to the state mainframe using the WAN.

How does this project fit into the technology goals of the Knowles/Ulmer administration? (They are: Improve public access to information; Maximize service to the public through voice, video and data systems; Optimize government efficiencies; Explore innovative and cost-effective services that meet Alaska's challenges; Stimulate the development of private and public services.)

System response time at public access terminals will improve from 10 to 20 seconds to less than 5 seconds in most offices. Data entry on the new system will be faster because of the WAN's speed. Delays in posting recordings will be reduced or eliminated giving the public access to the most current information nearly immediately.

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

State offices that purchase access to Recording Office information will now be able to access the information online from DNR at no cost other than the existing chargeback fees assessed by DOA. This will reduce their costs and give them improved access to the information found in the Recording Office System.

What, if any, impacts are anticipated to ITG services?

This should reduce costs for ITG and the state by allowing SNA circuits to be deactivated eliminating duplicate costs with TN3270 services.

What happens if the project is not approved?

DNR's limited funding availability will delay completion of this project for several years. This will increase telecommunication costs incurred by the state as duplicate services continue to be purchased to support TN3270/WAN services and SNA. Potential closure of remote recording offices if billing rates become exceptionally high.

AP/AL: Allocation

Project Type: Renovation and Remodeling

Historical Category: Public Support Technology/Serv

Location: Statewide

Contact: Bob Poe

Election District: Statewide

Contact Phone: (907)465-3500

Estimated Project Dates: 7/1/1998 - 12/30/1999

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

Investigation and subsequent correction of Year 2000 problems associated with imbedded chip technology in building systems currently owned and operated by the State of Alaska.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$4,500,000						\$4,500,000

Total:	\$4,500,000	0	0	0	0	0	\$4,500,000
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	Amount	Staff
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

**DOTPF Y2K Compliance - State Equipment Fleet
Emissions Test Equipment Replacement**

**FY1999 Request: \$75,000
Reference No: 6372**

AP/AL: Allocation

Project Type: Equipment

Historical Category: Transportation

Location: Statewide

Contact: Gene Darling

Election District: Statewide

Contact Phone: (907)269-0787

Estimated Project Dates: 7/1/1998 - 12/31/1999

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

Replace four emissions testing units that serve the State's Equipment Fleet. These test units are mandatory to ensure the equipment fleet complies with the standards for carbon monoxide emissions.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$6,770						\$6,770
Fed Rcpts	\$68,230						\$68,230

Total:	\$75,000	0	0	0	0	0	\$75,000
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

This equipment is eligible for federal funding in the Congestion Mitigation and Air Quality program.

DOTPF Y2K Compliance - Alaska Marine Highway System Year 2000 Remediation

FY1999 Request: \$600,000
Reference No: 6373

APIAL: Allocation

Project Type: Renovation and Remodeling

Historical Category: Transportation

Location: Statewide

Contact: Robert Doll

Election District: Statewide

Contact Phone: (907)465-3959

Estimated Project Dates: 7/1/1998 - 12/31/1999

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

Identify all on-board systems which will not operate correctly after the year 2000; prioritize systems which are not Y2K compliant, and replace or upgrade critical systems which cannot be certified as Y2K compliant.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$54,180						\$54,180
Fed Rcpts	\$545,820						\$545,820

Total: \$600,000 0 0 0 0 0 0 \$600,000

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

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

DOTPF Y2K Kennicott Assessment

FY1999 Request: \$110,000

Reference No: 7117

AP/AL: Allocation

Project Type: Informaion Systems

Historical Category: Transportation

Location: Statewide

Contact: Nancy Slagle

Election District: Statewide

Contact Phone: (907)465-3911

Estimated Project Dates: 7/1/1998 - 12/31/1999

Appropriation: Y2K Project Office

Brief Project Summary and Statement of Need:

Assessment, remediation and Y2K certification of the Kennicott.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$110,000						\$110,000

Total:	\$110,000	0	0	0	0	0	\$110,000
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

Alaska Court System Y2K Software Upgrades for Telephone and Security Systems

FY1999 Request: \$182,500
Reference No: 7111

AP/AL: Appropriation
 Historical Category: Justice
 Location: Statewide
 Election District: Statewide
 Estimated Project Dates: 7/1/1998 - 6/30/2003

Project Type: Equipment
 Contact: Bob Fisher
 Contact Phone: (907)264-8215

Brief Project Summary and Statement of Need:

The Alaska Court System has determined that many of its phone systems and security systems are not Year 2000 compatible. The cost to upgrade and install software for these systems is estimated at \$182,500. Telephone systems play a critical part in the judicial process.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$182,500						\$182,500

Total:	\$182,500	0	0	0	0	0	\$182,500
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	Amount	Staff
Operating Impact in FY1999:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

Alaska Court System Y2K Software Upgrades for Telephone and Security Systems Cont.

A considerable amount of court business is conducted over the phone and many judicial proceedings are telephonic as well. It is imperative that telephone switch software is upgraded prior to the year 2000. The court system has also determined that certain facility access security systems are not year 2000 compliant.

AP/AL: Appropriation
 Historical Category: University
 Location: Statewide
 Election District: Statewide
 Estimated Project Dates: 7/1/1998 - 6/30/2003

Project Type: Information Systems
 Contact: Pat Pitney
 Contact Phone: (907)474-5889

Brief Project Summary and Statement of Need:

The attached figures represent an estimated budget for addressing the technical Y2k issues at the University of Alaska, including the campus, metropolitan area and extended campuses.

Funding Request:

	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	Total
CBR Fund	\$5,013,900						\$5,013,900

Total:	\$5,013,900	0	0	0	0	0	\$5,013,900
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<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
<input type="checkbox"/> 0% = Minimum State Match % Required	<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	Amount	Staff
Operating Impact in FY1999:	\$7,932,300	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Additional Information / Prior Funding History:

Included are estimated costs for the assessment, remediation, testing, and implementation phases of existing digital systems, embedded systems, and supplier dependencies.

Bill Language:

To address Y2K problems.

University of Alaska Y2K Assessment and Remediation Cont.

The requested amount represents an estimated budget for addressing Y2K issues at the University of Alaska, including the main campuses and extended sites. Included are estimated costs for the assessment, remediation, testing and implementation phases of Y2K problems associated with digital systems, embedded systems and supplier dependencies.

Components of these figures include consulting services, temporary technical resources, travel expenses, testing tools, temporary management and record keeping resources, estimated costs for anticipated systems or component replacements, and estimated costs for implementation resources.

There are two parts to this request:

- \$2,000,000 to replenish funds borrowed from the university's risk management pool and used for assessment and remediation of year 2000-related computer problems; and
- \$3,013,900 to cover additional costs of assessing and remediating Year 2000-related problems.

Total request: \$5,013,900

It should be noted that this request has been reduced from last year's Y2K request by approximately \$3,000,000. This is the result of several factors, as noted below:

1. First, because no new funds were appropriated by last year's legislature for Y2K, the university's Y2K efforts have been in some cases delayed. This not only has resulted in the university being further behind the curve in identifying and resolving problems, it also has had the perverse effect of reducing costs. That is, in some cases we may be too late to "buy" the fix and may instead have to hope for the best and put our efforts into contingency plans.
2. Similarly, without any new funds for Y2K, all efforts to date have had to be funded from existing resources. Many of these costs have been in the nature of opportunity costs, where resources that might otherwise have been applied to other efforts or programs have instead been diverted to Y2K. While these represent very real costs, they are sometimes hard to measure.
3. Lastly, some of our original cost estimates were simply too pessimistic. That is, as we have progressed in our systems inventories we have determined that some remediation efforts are not as costly as anticipated.

For these reasons, we have reduced our original cost estimates to approximately \$5 million. In the short term, some of these costs (up to \$2 million) are being funded through a "loan" from the university's risk management pool. However, for the risk management pool to remain viable, those funds must be replaced.

Post-It Fax Note 7671 Date 2/2/99 # of pages 8

To Chris From [Signature]

Co/Dept Co.

Phone # 5030 Phone # 5648

Fax # 5039 Fax # [Signature]

Department of Administration
 Y2K Project
 AR 01992-99
 Component: Y2K PROJECT

Expenditure and Revenue Projection

12/31/98

Expenditures	FY99 Authorized	RP's/Suppl Processed	RP's/Suppl Pending	Restrictions Processed	Restrictions Pending	FY99 Adjusted Authorization	YTD Expenditure	Projected for the Remainder	Total Projected & Actual	Projected Balance or (Deficit)	FY98 Actual	FY97 Actual
100 Personal Services	270.0					270.0	100.6	113.6	214.3	55.7		
200 Travel	50.0					50.0	12.2	16.0	30.2	19.8		
300 Contractual	650.0	1,000.0				1,650.0	28.0	1,910.2	1,938.2	(288.2)		
400 Supplies	10.0					10.0	1.8	2.0	3.6	6.4		
500 Equipment	20.0					20.0	15.4	0.0	15.4	4.6		
600 Grants						0.0	0.0	0.0	0.0	0.0		
Total	1,000.0	1,000.0	0.0	0.0	0.0	2,000.0	166.1	2,043.8	2,203.0	(203.0)	0.0	0.0

Funding Source	FY99 Authorized	RP's/Suppl Processed	RP's/Suppl Pending	Restrictions Processed	Restrictions Pending	FY99 Adjusted Authorization	YTD Revenue	Projected for the Remainder	Total Projected & Actual	Projected Balance or (Deficit)	FY98 Actual	FY97 Actual
Interagency Receipts	1,000.0					2,000.0	109.6	1,890.4	2,000.0	0.0		
Program Receipts						0.0	0.0	0.0	0.0	0.0		
Federal Grants						0.0	0.0	0.0	0.0	0.0		
General Fund Match						0.0	0.0	0.0	0.0	0.0		
General Fund						0.0	0.0	0.0	0.0	0.0		
Interfund Transfer						0.0	0.0	0.0	0.0	0.0		
						0.0			0.0	0.0		
						0.0			0.0	0.0		
						0.0			0.0	0.0		
Total	1,000.0	1,000.0	0.0	0.0	0.0	2,000.0	109.6	1,890.4	2,000.0	0.0	0.0	0.0

Notes for RPs/Restrictions processed and pending:

1. This entire project is being funded through an RSA with Risk Management. When the Legislature approves the FY99 Y2K request these expenditures will be moved to the new Y2K appropriation and zero out the RSA with Risk Management which will have the effect of returning those funds to Risk Management.
2. Jack Fargnoli is an OMB employee on loan to the Y2K project and his salary is not included in the DOA projection.
3. Effective 1/1/99 Robert Poe will be funded from the DOA Commissioner's Office AR.
4. Sheila Good was paid by OMB for several months and is gone as of 2/1/99. Note: we did request 20.2 in 068.4 bill presented to legislature to fund this position for 6 months.

FED-02-99 10E 14.10

Component: Y2K PROJECT

Personal Services Summary
December 31, 1998

	FY99 Adjusted Authorization	* Workers Comp Paid	*YTD Salaries & Benefits	**Total YTD Exp	Projected Exp for the Remainder	Total Exp	Balance or (Deficit)
Regular Wages and Benefits	270,000	0	100,633	100,633	113,650	214,283	55,717
Non-perm Cost					0	0	0
Premium Pay							
Shift Differential					0	0	0
Overtime					0	0	0
Total	270,000	0	100,633	100,633	113,650	214,283	55,717

* Source of this information is AKSAS

Projected Overtime & Premium Pay Cost	Shift Differential	Overtime	Non-perm
Average Monthly Cost	0	0	0
Adjusted Average Monthly Cost			
Sub Total	0	0	0
Number of Months Left in Fiscal Year			
Projected Cost	0	0	0

Premium Pay & Non-perm Monthly Expenditure

	Shift Differential	Overtime	Non-Perm
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0
January	0	0	0
February	0	0	0
March	0	0	0
April	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
Total	0	0	0
Average Monthly Cost	0	0	0

Component: Y2K PROJECT

Commodities (Supplies)

December 31, 1998

	FY99 Adjusted Authorization	*YTD Expenditure	Projected Expenditure	Total Expenditures	Balance or Deficit
Total Anticipated Expenditures	3,856	1,856	2,000	3,856	0
Total Unanticipated Expenditures	6,144	0	0	0	6,144
Total	10,000	1,856	2,000	3,856	6,144

Anticipated Expenditures	Encumbrance Number	Total Proj Expenditures	*YTD Expenditure	Balance
Misc Commodities		1,856	1,856	0
Mgmt Encumb: Jan-June 1999 Misc Supplies		2,000	0	2,000
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
Sub-total		3,856	1,856	2,000

Unanticipated Expenditures	Encumbrance Number	Total Expenditures	*YTD Expenditure	Balance
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0
Sub-total		0	0	0
Total Expenditures		\$3,856	\$1,856	\$2,000

* Source of this information is AKSAS

State Spending on the Year 2000 Problem

Less Than \$25 Million

State	Expects to Spend*
Delaware	\$6.0
Hawaii	\$19.0
Idaho	\$18.0
Maine	\$17.5
Montana	\$5.5
Nebraska	\$18.0
Nevada	\$6.3
New Mexico	\$12.2
Puerto Rico	\$12.0
Rhode Island	\$13.0
South Dakota	\$4.5
Tennessee	\$15.5
Wyoming	\$12.8
Total: 13	\$160.3

\$25 - 50 Million

State	Expects to Spend*
Arkansas	\$35.0
Colorado	\$39.6
Indiana	\$31.5
Iowa	\$31.0
Kansas	\$25.0
Kentucky	\$36.0
Mississippi	\$31.0
Pennsylvania	\$40.2
South Carolina	\$31.2
Utah	\$50.0
Wisconsin	\$35.0
Wyoming	\$29.0
Total: 12	\$414.5

\$50.1 - 75 Million

State	Expects to Spend*
Michigan	\$55.6
Minnesota	\$50.7
Missouri	\$57.0
New Hampshire	\$53.8
Ohio	\$61.0
Total: 5	\$278.1

\$75.1 - 100 Million

State	Expects to Spend*
Alabama	\$92.5
Florida	\$82.5
Maryland	\$100.0
Massachusetts	\$83.0
Washington	\$83.5
Total: 5	\$441.5

\$100.1 - 150 Million

State	Expects to Spend*
Arizona	\$125.0
Connecticut	\$147.5
Illinois	\$114.4
New Jersey	\$120.0
North Carolina	\$118.6
Oregon	\$102.0
Total: 6	\$727.5

More Than \$150 Million

State	Expects to Spend*
California	\$317.0
Georgia	\$387.0
New York	\$256.0
Texas	\$256.8
Virginia	\$170.7
Total: 5	\$1,387.5

Totals

Mean (Average)	\$74.1
Range	\$4.5 to \$387.0
Total: 46	\$3,409.4

* Where a range of numbers (estimate) was given their average was used.