Enterprise Technology Services Virtual Tape Systems Replacement	FY2014 Request:	$500,000
	Reference No:	56591

AP/AL: Appropriation

Project Type: Information Technology / Systems / Communication

Category: General Government

Location: Juneau (Downtown Juneau)

House District: Downtown Juneau (HD 32)

Impact House District: Juneau Areawide (HD 31-32)

Contact: Cheryl Lowenstein

Estimated Project Dates: 07/01/2013 - 06/30/2018

Contact Phone: (907)465-5655

Brief Summary and Statement of Need:
This project is to replace the Virtual Tape Systems (VTSs) and Automated Tape Libraries (ATLs) located in the Juneau Data Center. The mainframe disaster recovery will be enhanced, providing a reliable and support a virtual tape environment.

Funding:	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	Total
Gen Fund	$500,000						$500,000
Total:	$500,000	$0	$0	$0	$0	$0	$500,000

☐ State Match Required	☑ One-Time Project	☐ Phased - new
0% = Minimum State Match % Required	☐ Amendment	☐ Mental Health Bill
☐ Phased - underway	☐ On-Going	

Operating & Maintenance Costs:

	Amount	Staff
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

No prior funding history

Project Description/Justification:
This project will replace the Virtual Tape Systems (VTSs) and Automated Tape Libraries (ATLs) located in the Juneau Data Center.

What is the purpose of the project?
The devices are severely beyond end-of-life cycle and technologically obsolete. There are 2 VTSs, and 2 ATLs, originally purchased in 1999, and 2006, respectively. These devices must be replaced to provide for a reliable and supported "virtual" tape processing environment.

Is this a new systems development project? Or, an upgrade or enhancement to existing department capabilities?
This project is an upgrade to the existing mainframe environment by replacing the older technology and is also an enhancement to the Mainframe disaster recovery process.

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

State of Alaska Capital Project Summary
FY2014 Governor Amended
2/13/13 9:37:37 AM
Page 1
Department of Administration
Reference No: 56591
Released February 12th, 2013

Equipment replacement requires an IBM TS7700 or similar device type, for approximately $220,000 in purchase costs, installation, and configuration.
.

How will service to the public measurably improve if this project is funded?
Agencies that serve the public will be the beneficiaries of this technology upgrade, in terms of both the actual processing environment and disaster recovery capability. The newer technology is faster, more reliable, uses less energy, and has the ability to support remote mirroring synchronization, a key feature of the proposed redundant Mainframe disaster recovery project.

Does project affect the way in which other public agencies will conduct their business?
The replacement of the VTSs and ATLs will not directly affect the agencies as a standalone project. However, the project will ensure agencies' continuity of operations by having adequate hardware installed to support their processes.

What are the potential out-year cost implications if this project is approved? (Bandwidth requirements, etc.)
The potential out-year cost implications demonstrate a positive return on investment as this project stabilizes the virtual tape systems on the Mainframe, bringing the agency data elements into a stable environment. There are no increased dependencies on the network or facilities' environments that would increase the out-year budget for these components.

What will happen if the project is not approved?
If this project is not approved, Enterprise Technology Services will continue to operate on existing, obsolete equipment, with a backup system that is significantly out of date. There is a likelihood of equipment failure, and possibly the total inability to recover multiple agencies' critical business data.

State of Alaska Capital Project Summary
FY2014 Governor Amended
2/13/13 9:37:37 AM
Page 2

Department of Administration
Reference No: 56591
Released February 12th, 2013