

**Enterprise Technology Services - UPS Replacement for  
Juneau Data Center**

**FY2015 Request: \$1,200,000  
Reference No: 58322**

**AP/AL:** Appropriation

**Project Type:** Information Technology /  
Systems / Communication

**Category:** General Government

**Location:** Statewide

**House District:** Statewide (HD 1-40)

**Impact House District:** Statewide (HD 1-40)

**Contact:** Cheryl Lowenstein

**Estimated Project Dates:** 07/01/2014 - 06/30/2019

**Contact Phone:** (907)465-5655

**Brief Summary and Statement of Need:**

This project will replace an obsolete uninterruptible power supply (UPS) device and add automatic failover system to enterprise Juneau Data Center UPS complex.

<b>Funding:</b>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>Total</u>
Gen Fund	\$1,200,000						\$1,200,000
<b>Total:</b>	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$1,200,000

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

**Operating & Maintenance Costs:**

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

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

This project will replace an obsolete UPS device and add automatic failover system to enterprise Juneau Data Center UPS complex.

**What is the purpose of the project?**

This project will perform an equipment refresh. Enterprise Technology Services (ETS) will follow industry best practices and add redundancy to its UPS complex. This requires that ETS configure the UPS complex so that if one UPS fails, the load transfers to the remaining UPS. The current, older UPS that is installed is not capable of this technology upgrade.

**Is this a new systems development project? Or, an upgrade or enhancement to existing department capabilities?**

This is an upgrade to old, now obsolete, equipment.

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

The new UPS will replace an EATON 9315 UPS and add switching gear to the UPS complex to allow for failover of the Juneau Data Center electrical load if one of the UPSs fails or needs to be taken offline for service. Estimate for hardware, software, licensing and configuration is \$1.2 million dollars.

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

This project will add reliability to the UPS complex that supports the State of Alaska's primary data center. For the first three years, the equipment will be under warranty. Service contracts will be at a similar cost to our current equipment. This will reduce operating costs over the first three years.

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

The project does not directly affect other public agencies, but as an enterprise hardware platform, provides back-up power data processing equipment (phones, email, servers, mainframe and network connectivity) for all state agencies, employees for the State of Alaska and citizens of the state of Alaska. If the equipment is not refreshed, data center customers, state employees and Alaskan citizens may have critical data either compromised or lost.

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

For the first three years, equipment will be under a manufacturer's warranty, then service contract costs should be similar to current expenditures. The overall expectation is for reduced costs over the first three years.

**What will happen if the project is not approved?**

This is a technology refresh and modernization. This project will add redundancy and reliability to data center services. If this is not approved, there is added risk to efficiency and effectiveness of data center services