

**Enterprise Technology Services Fairbanks Facilities  
Deferred Maintenance**

**FY2012 Request: \$245,000  
Reference No: 51819**

**AP/AL:** Allocation

**Project Type:** Deferred Maintenance

**Category:** General Government

**Location:** Fairbanks (Denali/University)

**House District:** Denali/University (HD 8)

**Impact House District:** Fairbanks Areawide (HD 7-11)

**Contact:** Cheryl Lowenstein

**Estimated Project Dates:** 07/01/2011 - 06/30/2016 **Contact Phone:** (907)465-5655

**Appropriation:** Statewide Deferred Maintenance Projects

**Brief Summary and Statement of Need:**

Complete physical infrastructure maintenance upgrades and security enhancements for the ETS Data Center Fairbanks. Physical infrastructure management is a critical success factor for maintaining high availability.

<b>Funding:</b>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>Total</u>
Gen Fund	\$245,000						\$245,000
<b>Total:</b>	\$245,000	\$0	\$0	\$0	\$0	\$0	\$245,000

<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
<u>One-Time Startup:</u>	0	
<b>Totals:</b>	0	0

**Additional Information / Prior Funding History:**

Previous funding not requested.

**Project Description/Justification:**

This project will complete physical infrastructure maintenance upgrades and security enhancements for two ETS facilities in Anchorage and one facility in Fairbanks. These upgrades have a direct impact on IT systems' reliability as well as total cost of ownership. Physical infrastructure management is a critical success factor for maintaining high availability.

The project will include upgrades to the Fairbanks Peger Road facility electrical systems, air conditioning (temperature and humidity), backup power, fire suppression and physical security (restricted keycard access). The goal is to bring these two ETS facilities to a level of operational maintenance that assures the continued cost-effective, reliable operability of systems as well as the safety of staff, which includes proper maintenance, including fire suppression both of which are safety issues.

In total, ETS is requesting funding for three ETS facilities support systems that in turn support all state departments. For example, the Fairbanks facility is the Network Operations Center (NOC) for the entire Northern Region of the state. This means that all wide area network (WAN) infrastructure is housed in or routed through the NOC. In the event of a system failure, all phone, email, internet, and other network-dependent services could be immediately unavailable. Similarly, in Anchorage, a

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significant portion of network traffic in the South-central and Western regions of the state pass through the two facilities to be upgraded. The risk for systems' outage is substantial if these improvements are not authorized. The probable impact to the conduct of the state's business is equally significant.

Additional concerns are business continuity and safety. The State of Alaska departments rely on their information systems to run their operations. If a system becomes unavailable, operations may be impaired or stopped completely. Well-maintained facilities contribute in great measure to the reliability of network infrastructure. This in turn, minimizes any chance of disruption.