

**IBM Bladecenter****FY2011 Request: \$230,000****Reference No: 48720****AP/AL:** Appropriation**Project Type:** Information Technology / Systems / Communication**Category:** General Government**Location:** Statewide**Contact:** Ginger Blaisdell**House District:** Statewide (HD 1-40)**Contact Phone:** (907)465-2312**Estimated Project Dates:** 07/01/2010 - 06/30/2015**Brief Summary and Statement of Need:**

One-half of the Department of Revenue servers need to be replaced in the next year, and the remainder will be out of warranty in less than two years. A cost effective alternative to purchasing individual servers is the Bladecenter, the next generation technology for server management. The Bladecenter will allow for space reduction and consolidation, power requirement reductions, and network infrastructure reductions in cabling. The department's data storage needs can be better served by using this technology rather than purchasing individual servers. The Bladecenter is the Enterprise Technology Services' (ETS) preferred technology for the State of Alaska.

<b>Funding:</b>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Gen Fund	\$230,000						\$230,000
<b>Total:</b>	\$230,000	\$0	\$0	\$0	\$0	\$0	\$230,000

<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>

**Additional Information / Prior Funding History:**

None

**Project Description/Justification:****Information Technology Capital Project Review Form FY2011****1. Has this project been previously approved?**

No

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

This project will replace a portion of the Department of Revenue servers with an IBM Bladecenter to allow space reduction and consolidation, power requirement reductions, and network infrastructure reductions in cabling. The Bladecenter will provide virtualization of off warranty

servers, reduced space needs in the Juneau data center, and virtualization of existing and future servers.

Project cost:	Capital:			Annual O&M costs or savings
	Prior Years	FY 2010	FY 2011	
General Funds	0	0	\$230,000	
General Fund Match				
General Fund Program Receipts				
I/A Receipts (dept. and fund source)				
Other Funds (name and fund number)				
Federal Funds				
Total			\$230,000	

**3. Is this a new systems development project?**

No. This is an upgrade to existing department server capabilities that allow for cost savings and increased server capabilities and capacity.

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

Line 73000-Contractual: \$37,000  
 \$500 for project planning and system design, and \$36,500 for training

Line 75000-Equipment: \$193,000  
 Purchase of IBM Bladecenter

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

The mission of the Department of Revenue is to collect, distribute, and invest funds for public purposes. If the department does not have servers, data storage, and processing ability the department fails to meet its mission.

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

No, it will allow a reduction in cost and increase in data storage for multiple divisions within the department.

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

Improved technology may improve bandwidth requirements.

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

Department of Revenue servers will be out of warranty in less than two years. Replacing each server would be more costly and space is becoming less available to store the type of servers currently being used. The Bladecenter greatly reduces the amount of physical storage space needed and reduces the cost of replacing each individual server as they exist now.