

Fairbanks Correctional Center Heating System Replacement

FY2010 Request: \$2,500,000
Reference No: 49614

AP/AL: Appropriation **Project Type:** Renewal and Replacement
Category: Public Protection
Location: Fairbanks Areawide **Contact:** Leslie Houston
House District: Fairbanks Areawide (HD 7-11) **Contact Phone:** (907)465-3339
Estimated Project Dates: 04/19/2010 - 12/31/2010

Brief Summary and Statement of Need:

Replacement of the Fairbanks Correctional Center heating system.

Funding:	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>Total</u>
Gen Fund	\$2,500,000						\$2,500,000
Total:	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$2,500,000

<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
Totals:	0	0

Additional Information / Prior Funding History:

This is a new project request.

Project Description/Justification:

The original Fairbanks Correctional Center heating system was designed and built in 1966, utilizing a steam boiler and distribution system. In 1982, the facility was expanded to accommodate 72 additional inmates and a second steam system was added and integrated into the original system. Since that time, multiple steam boilers and apparatuses have been replaced. This system continues to leak, requiring constant monitoring and repairs to ensure continued operations.

We are faced with multiple boiler and apparatus failures to the point of replacing a significant portion of this antiquated heating system. The department contracted with a professional engineer who recommends replacement of the steam heating system with a hot water/glycol heating system. This solution will provide the dependability required by a 24/7 correctional institution as well as carry a lower cost of operation.