

Correctional Institutions Roof Repairs and Siding Replacement

FY2004 Request: \$1,455,000
Reference No: 35773

AP/AL: Appropriation

Project Type: Construction

Category: Public Protection

Location: Statewide

Contact: Jerry Burnett

House District: Statewide (HD 1-40)

Contact Phone: (907)465-3339

Estimated Project Dates: 07/01/2003 - 06/30/2008

Brief Summary and Statement of Need:

This project funds the review, repair, and replacement of building roofs and siding at Cook Inlet Correctional Center, Fairbanks Correctional Center, Hiland Mountain Correctional Center, Wildwood Correctional Center, and Yukon-Kuskokwim Correctional Center.

Funding:	<u>FY2004</u>	<u>FY2005</u>	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>Total</u>
Gen Fund	\$1,455,000	\$1,455,000					\$2,910,000
Total:	\$1,455,000	\$1,455,000	\$0	\$0	\$0	\$0	\$2,910,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input checked="" 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:

Ch 1 SSSLA 2002 Sec 1 Page 27 Line 21-23 \$1,000,000 GF; Ch 61 SLA 2001 Page 10 Line 21-22 \$400,000.00 GF.

Project Description/Justification:

The following facility roofs require repair or replacement to correct severe leakage problems. These roofs and walls can no longer be maintained with normal in-house techniques. They need major repair or replacement so that they do not jeopardize the security systems and safe functioning of the facilities. Deferral will cause further damage to the building structures and will increase the ultimate repair costs. Funding to address these needs will be requested on future Department of Corrections capital requests.

The flat roof portions of these facilities require major repairs. These roofs do not drain well, which contributes to a severe leakage problem. Replacement of the surfacing with new material and building a slight slope to the roofs will provide better drainage and increase the service years of these roofs. Both facilities will also require extensive repair to gutters, flashing, and shingles. If this work is not accomplished this year, the existing damage will spread and greatly increase the costs of repairing these roofs.

These roofs and walls can no longer be maintained with normal in-house techniques. They need major repair and/or replacement so that they do not jeopardize the security systems and safe functioning of the facilities. Deferral will cause further damage to the building structures and will increase the ultimate repair costs.

A comparable analysis of roof repair requirements will be completed in May and June however, a current assessment of the likely funding allocations at this time is as follows:

Correctional Institutions Roof Repairs and Siding Replacement

FY2004 Request: \$1,455,000
Reference No: 35773

Cook Inlet Pretrial \$450.0

The extreme winter weather conditions have taken their toll of the flat roofs at the Cook Inlet Correction Center. Multiple leaks have occurred throughout the main facility and over inmate living and working areas. These roofs do not drain well, which contributes heavily to leakage. Replacement of the surfacing with new material will correct the problem and add many years of service to the roofing. Repairs will involve tearing up the old membranes covering the flat roofs and replacing them with new ones rather than tarring over the old membranes. This funds Phase II repairs - Design & Construction of the Upper and Lower Roofs. If the repairs are not done, the damage will spread, greatly increasing the eventual cost of repair.

Hiland Mountain/Meadow Creek Correctional Center - Phase II \$575.0

Sloped roof re-shingling and exterior walls need to be replaced. Systems require extensive repair to gutters, flashing, and shingles an additional \$1,225.0 is being deferred from this project and will be requested in FY2005 to complete this project. If this work is not accomplished soon, the existing damage will spread and greatly increase the costs of repairing these roofs.

Wildwood Correctional Center - Phase IV \$400.0

The buildings at Wildwood Correctional Center were constructed in the mid-1950's. With one exception, all had been flat, built-up asphalt roofs, and are almost 50 years old. Five buildings have had their roofs replaced. The roofs on four additional buildings (buildings 5, 7, 8, and 14) will be replaced under this project. An additional \$100.0 is being deferred to the FY2005 request for the completion of this project.

Fairbanks Correctional Center \$30.0

The Fairbanks Correctional Center opened in 1965 and has a combined square footage of 88,650. The roof systems on this facility are in need of repairs due to the severe winter weather in the Fairbanks area. Multiple leaks have occurred throughout the main facility and over inmate living and working areas. These roofs do not drain well, which contributes heavily to leakage. Replacement of the surfacing with new material will correct the problem and add many years of service to the roofing. If the repairs are not done, the damage will spread, greatly increasing the eventual cost of repair. Funding is required to do a thorough analysis of the entire roofing system and to design the necessary repair and/or replacement of the roof. The design funding of \$50.0 is being deferred to the FY2005 request for the completion of this project.

The following projects are being deferred to the FY2005 Capital Budget Request:

Yukon-Kuskokwim Correctional Center \$80.0

This project is being deferred to the FY2005 request. The Yukon-Kuskokwim Correctional Center opened in October 1984 and has a combined square footage of 25,320. The roof systems on this facility are in need of repairs due to the severe winter weather of the Yukon Delta region of Western Alaska. Multiple leaks have occurred throughout the main facility and over inmate living and working areas. Funding is required to refresh/repair the roof seams, flashing, and interior drain system, allowing the roof to perform for another ten years when it will need to be replaced.