

UAF Patty Pool Code Corrections, Campus-Wide Fire Alarm Replacements and Other Safety Projects **FY2024 Request: \$0**
Reference No: 65069

AP/AL: Appropriation **Project Type:** Research / Studies / Planning
Category: University
Location: Fairbanks (Areawide) **House District:** Fairbanks Areawide (HD 31 - 35)
Impact House District: Fairbanks Areawide (HD 31 - 35) **Contact:** Michelle Rizk
Estimated Project Dates: 07/01/2023 - 06/30/2028 **Contact Phone:** (907)450-8187

Brief Summary and Statement of Need:

Preserve general funds for savings and fiscal stability.

Funding:	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	Total
1004 Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> Ongoing
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	
Totals:	0	0

Prior Funding History / Additional Information:

Project Description/Justification:

Providing a safe and compliant campus for everyone is the top priority at UAF. UAF works hard to maintain a healthy campus, reduce risk to building occupants, and ensure students have the safest experience possible, yet the aging campus is requiring larger upgrades to reduce risk and prevent injury. There are many facilities constructed prior to code adoption in the State of Alaska that do not meet current requirements for ventilation, disease mitigation, emergency egress, ADA/Title IX, and fire protection. Remaining in compliance requires an ongoing effort to modify and upgrade every component of campus from exterior hardscapes, elevators, building passageways, and restrooms to fire alarms, locker rooms, signage and security infrastructure.

Safety and regulatory compliance projects provide updates to building features meant to protect the occupants and reduce risk to our students, staff, and faculty. Work includes updating ventilation to ensure sufficient fresh air is supplied to occupied rooms, replacing fire alarm systems, correcting emergency egress paths, and abating asbestos-containing material.

Patty Pool Code Corrections: The Patty Pool is one of four public pools in the borough and is host to multiple community, high school, and NCAA-sanctioned collegiate events, recreational activities, and classes. The 60-year-old pool has been well maintained but needs renewal to address a variety of

issues from functional obsolescence to modernization of plumbing systems and code compliance. The project will repair and renew the finishes, mechanical, electrical, and structural systems in the pool vessel, deck, and balcony seating. Work will include repairing structural and non-structural cracks in the pool vessel and deck, replacing the fire alarm system, replacing the natatorium and pool vessel lighting, replacing all pool water-related plumbing(sanitation), providing a new fire sprinkler system, installing corrosion-resistant finishes, and installing a better vapor barrier on the exterior wall.

Campus Wide Fire Alarm Replacement for End of Life: Approx. 23 fire alarm panels on the Troth Yeddha' Campus in Fairbanks have reached their end of life and the manufacturer is no longer supporting them. Panel failures are causing buildings to be closed or post a fire watch. A comprehensive plan has been created to replace panels in small buildings, reserving those parts for older, larger buildings that have a higher cost to update. The next facilities to replace are Gruening, Fine Arts/ Rasmuson Library, and Signers' Hall. Lab Ventilation Air Controller Replacement: Laboratory ventilation is required to maintain a specific amount of exhaust air to protect lab users from hazardous chemicals. Many of the lab controllers built by Phoenix Controls have reached the end of their useful life, are no longer supported by Phoenix, and must be replaced to keep the lab's code compliant. Without the air valve, the required supply and exhaust air cannot be exchanged in the spaces. The project is also related to COVID mitigation measures. The Biological Research and Diagnostics and Duckering Building are in the queue for FY24.

Fairbanks Campus Wide Doors and Security Renewal: The Fairbanks Campus has over 9,000 doors secured with a keying system that is 20 years beyond its patented expiration date. The antiquated keying system severely compromises building security and leaves facilities vulnerable to break-ins, property theft, and vandalism. Nearly half of the campus doors have outdated and broken hardware, and oftentimes the door is also in need of replacement. Many of the exterior and emergency exit doors do not meet current fire codes or ADA regulations. Over three years, UAF developed a multi-phased plan to complete a door hardware inventory, design and purchase a new keying system, establish a robust key issue policy, and begin replacing doors and door hardware. Electronic locks are installed on exterior doors to allow for fast lock-down of a building whether at the end of the normal business day or during a violent intruder event. The next phase of renewal will replace exterior doors and/or hardware at the Elvey Building, and O'Neill Building. Interior work will focus on the implementation of the keying system across all campus facilities as well as the replacement of fire exit doors in Duckering, Gruening, and Bunnell. Phased capital funding over FY24/25 will complete the critical campus-wide initiative.

Cutler Apartment Complex ADA Compliance: The existing sidewalks along the Cutler Apartments Block 400-600 are failing, dimly lit, and do not meet ADA requirements. The ADA apartments are only accessible from the east end of the block and the pathway has failed. The project will replace sidewalks, ramps, stairs, and retaining wall along these apartments to ensure ADA compliance. Irving 1 Elevator Replacement: Installed in 1970, this elevator has never been modernized. The existing equipment is a motor/generator supplying DC power to a motor-driven machine with an antiquated relay logic controller. The elevator pit ladder and stop switch are hard to reach and the light switch is in the machine room. Modernization and upgrades will include a new machine & 3phase AC motor, a new digital VFD controller, new door operators for the car and lobbies, a new governor, new ropes, car finishes, lights, and control panel, and updated fire service. Through this project, fire and elevator code issues with the shaft and alarms

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will be addressed.