

Joint Base Elmendorf Richardson (JBER) Digital Control, Generator, and Preventative Maintenance **FY2022 Request: \$7,850,000**
Reference No: 63235

AP/AL: Appropriation **Project Type:** Deferred Maintenance
Category: Public Protection
Location: Joint Base Elmendorf - Richardson **House District:** Elmendorf (HD 15)
Impact House District: Elmendorf (HD 15) **Contact:** Craig Christenson
Estimated Project Dates: 07/01/2021 - 06/30/2026 **Contact Phone:** (907)428-6003

Brief Summary and Statement of Need:

Preventative maintenance is several years behind and primarily only break fix visits have been made. Projects would include design and upgrades to the digital control system and generator projects.

Funding:	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
1002 Fed Rcpts	\$4,037,500						\$4,037,500
1004 Gen Fund	\$3,812,500						\$3,812,500
Total:	\$7,850,000	\$0	\$0	\$0	\$0	\$0	\$7,850,000

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

Prior Funding History / Additional Information:

Project Description/Justification:

This project will design a new statewide Direct Digital Control (DDC) networked system to monitor and control the rural facilities from Joint Base Elmendorf Richardson (JBER). This system will allow for remote monitoring and troubleshooting providing the ability to identify failures prior to dispatching technicians to the location. The current DDC network operates on DOS operating system, which is not only becoming increasingly incompatible with current computer hardware, but is also past an end of life cycle, making repairs difficult if not impossible. Failure to upgrade the statewide network will eventually lead to catastrophic communication failure with remote armories resulting in loss of heating control.

Currently a large number of Department of Military and Veterans Affairs facilities located on JBER do not have back-up generators. Army Directive 2017-07 mandates that commands ensure reliable quality power and water to continuously sustain critical missions on installations and facilities operated and/or maintained by federal funds. This project will install back-up generators and automatic transfer switches on mission critical facilities.

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The projects identified within this appropriation are necessary to provide an infrastructure required for training soldiers to carry out both state and federal missions. Failure to receive funding for this appropriation will negatively impact the Alaska Army National Guard (AKARNG) mission. The results could be detrimental to the AKARNG's ability to effectively train, support, and respond to the state and the nation's needs.

Any additional funding left over from the above projects would go towards preventative maintenance across JBER.