

Alaska Land Mobile Radio

FY2021 Request: \$7,661,300

Reference No: 54931

AP/AL: Appropriation

Project Type: Equipment / Commodities

Category: General Government

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Stephanie Richard

Estimated Project Dates: 07/01/2020 - 06/30/2025

Contact Phone: (907)428-7204

Brief Summary and Statement of Need:

The Alaska Land Mobile Radio (ALMR) network enables emergency communications across vast areas of Alaska. This project contributes towards lifecycle replacement of site repeaters and related infrastructure along with required upgrades to 911-dispatch and public safety radio communications system components in order to meet the state’s requirements for its share of the ALMR system.

Funding:	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	Total
1004 Gen Fund	\$3,181,800						\$3,181,800
1197 AK Cap Inc	\$4,479,500						\$4,479,500
Total:	\$7,661,300	\$0	\$0	\$0	\$0	\$0	\$7,661,300

<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"/> 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

Prior Funding History / Additional Information:

Sec1 Ch5 SLA2011 P2 L28 SB46 \$3,000,000

Project Description/Justification:

The Alaska Land Mobile Radio (ALMR) network enables emergency communications across vast areas of Alaska. The network is relied on extensively to ensure that major routes between Alaska’s major population areas guarantee that emergency services can coordinate responses that help protect people and resources. The State of Alaska (SOA) partners with the Department of Defense (DoD) and the

Municipal of Anchorage to own and operate this network. Each partner owns a portion of the network and is responsible for maintaining their respective assets.

Public safety mission critical communications systems typically run in five to fifteen-year life cycles for the hardware, software and equipment components. Like any other computer, the hardware and software components that make up the system require continuous refresh and replacement to maintain functionality and security protections.

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The SOA owns and operates 75 site radio locations across 156,600 square miles of Alaska. Each site consists of a set of fixed mounted radios that are part of a contiguous network attached either by a microwave chain or a leased data circuit. The network's primary mission is to carry mission and safety critical voice communications for first responder public safety agencies. There are currently 16,703 subscribers on the ALMR network with 83 percent performing a public safety function and 76 percent of these subscribers are first responder users. It is the basic tenant of this network to operate as a safety and mission critical system. A safety critical system is a system that, if it fails, may result in serious environmental damage, injury, or loss of life. If a failure exists in a mission critical system, that may result in a failure in a high-priority, goal-directed activity.