

Alaska Marine Highway System - M/V Matanuska Repower and Ship Systems Upgrade **FY2016 Request: \$34,000,000**
Reference No: 60532

AP/AL: Allocation **Project Type:** Renewal and Replacement
Category: Transportation
Location: Statewide **House District:** Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40) **Contact:** Jeff Ottesen
Estimated Project Dates: 07/01/2015 - 06/30/2020 **Contact Phone:** (907)465-4070
Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Install replacement main propulsion package. The M/V Matanuska was built in 1963, with a repower completed in 1984. At 30 operating years, these engines are nearing the end of their efficient and useful life.

Funding:	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>Total</u>
Fed Rcpts	\$34,000,000						\$34,000,000
Total:	\$34,000,000	\$0	\$0	\$0	\$0	\$0	\$34,000,000

<input checked="" 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
9% = 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:

No prior funding history.

Project Description/Justification:

This project will design and prepare construction drawings for replacement of main propulsion engines and subsystem upgrades, including multiple ancillary system replacement and upgrades. The project will also include review of existing documentation; engine and product identification relating to engines; reduction gears; shafting and propulsion equipment; control and monitoring; exhaust and waste heat boilers; bow thruster replacement; steering gear; electrical generation; electrical switchboard and auxiliary equipment upgrades and replacement; housetop repairs; stack repairs; painting; security upgrades; miscellaneous system upgrades; rescue boat upgrades; shell and structural repairs and replacement; dry-dock for installation of shafting, propeller systems, underbody cleaning, painting, and rudder installation.