

Request for Information: #2523S064



State of Alaska
Department of Transportation & Public Facilities
Division of Administrative Services

Date Issued: February 16, 2023
Responses Due: March 9, 2023 By 2:00 Alaska Time

Vessel Based Marine Management System for the Alaska Marine Highway System.

Introduction

The Department of Transportation and Public Facilities (DOT&PF), Alaska Marine Highway System (AMHS), is soliciting information from vendors with the capacity and ability to deliver and implement a cloud or local based Marine Management System (MMS) software package for the long-term record of all AMHS vessel-based assets. The system will be deployed on each AMHS vessel and for each shoreside support manager. At a minimum, the proposed system must have the ability to:

- Maintenance
 - Automate maintenance schedules by hour, date, fuel burn, or vessel activities.
 - Track every maintenance task, routine, and part request across your fleet.
 - Monitor on-time completions and overdue items and surpass your maintenance goals and key performance indicators (KPIS).
- Compliance
 - Easily manage documents, custom forms, drills, safety meetings across our fleet.
 - Prove compliance with regulations such as International Organizations of standardization (ISO), and International safety management (ISM).
 - Streamline audits and close the loop on corrective actions.
 - Track Fleet Non-Conformities
 - Track Risk Analysis
- Vessel Schedules
 - Manage crew certifications and training with built in reminders.
 - Quickly build vessel and personnel schedules, notify crews, and manage changes in real time.
 - Simplify tracking of training metrics, credentials, expiration dates and licenses.
- Crew Dispatch
 - Manage crew certifications and training with built in reminders.
 - Optimize utilization with centralized dispatching and real time job tracking.
 - Ability to create an editable 'drag and drop' schedule scroll of all crew on each vessel
- Record & Database Retention
 - Ability to create any database like Microsoft Excel Database eliminating version tracking
 - Setting notifications to cohorts within databases
- Software Specs & Communication
 - Availability to work offline
 - Availability to save all work when software is not connected to internet

- Available to use on windows or IOS Tablet
- Send notifications to fleet and each individual vessel with notification of read receipt

Background Information

The goal of this project is to gather information on who can provide and implement a cloud or local based single software platform to serve as the ongoing Marine Management System (MMS) for all AMHS vessels. Ultimately, the system will become the single system of record for all AMHS vessel-based assets of maintenance, compliance, crew dispatch, vessel scheduling, record retention and communication with fleet.

Vessels and Vessel Components

The State of Alaska, DOT&PF, AMHS currently operates a fleet of 9 roll-on/roll-off passenger ferry vessels. Depending on anticipated traffic and budgetary constraints, the AMHS reserves the right to increase or decrease the number of vessels using the MMS under the intended contract. The following table is a list of the current vessels:

Vessel List

M/V Aurora	M/V Kennicott	M/V Matanuska	M/V Tustumena	M/V Tazlina
M/V Columbia	M/V LeConte	M/V Hubbard	M/V Lituya	

Vessels generally include a wide range of assets including, but not limited to:

- Engineering machinery
- Shoreside Support personnel
- Vessel invoices
- Navigation equipment and maintenance records
- Vessel Schedules
- Lifesaving apparatus' certifications and expirations
- Vessel Certifications and Expiration dates
- Crew personnel and associated schedules
- Vessel Audit Records
- Vessels (itself)
- Vessel Maintenance Records
- Vessel Statistics

While the above is small representation of the assets that can be found within our fleet, of interest to track.

The current vessel/ and shoreside system to track all departments and all assets is non-existent.

Response Information

Interested parties are invited to submit responses to the following:

- Provide the name, address, email address and phone number of the primary contact person
- Provide a detailed description of your company's capabilities and experience related to providing vessel-based MMS.
- Provide a detailed description of the software product your company offers. This description should include details regarding the proposed systems' ability to deliver features such as those described in the introduction above.

- Provide short list of entities for which the company has installed the software and describe if the entities are similar in nature to the Alaska Marine Highway System in regard to fleet size.
- Indicate if your company is capable of providing and implementing the Maintenance Management System software and how long it generally takes to implement such a system.

Responses to this RFI are for informational purposes only. Do not include cost estimates as they will not be considered in a response.

It is the responsibility of the interested party to follow up with the procurement officer listed below to ensure the response was received prior to the time and date specified.

This RFI does not extend any rights to prospective vendors or obligate the state to conduct a solicitation or purchase any goods or services.

Procurement Officer Contact Information

Interested parties must submit a written response to the Procurement Officer no later than March 9, 2023, by 2:00 P.M. Alaska Time. Responses may be emailed to the following address:

dotstatewideprocurement@alaska.gov

Point of Contact:

Cherish Petrenchak
Procurement Officer
Department of Transportation & Public Facilities
Division of Administrative Services

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