

Request for Information

RFI 02-107-23



State of Alaska
Department of Administration
Division of Motor Vehicles

Date Issued: March 6, 2023

CRASH DATA REPOSITORY SOFTWARE MAINTENANCE AND UPGRADES

Introduction:

The Department of Administration (DOA), Division of Motor Vehicles (DMV), is seeking information from vendors available to provide software maintenance and upgrades to the state's current Crash Data Repository (CDR) system.

This Request for Information (RFI) does not guarantee future work. The information gathered will aid DMV in conducting market research to ascertain the availability of resources.

Background Information:

The DMV CDR system was created to fill the need of an online crash data system to increase efficiencies and reduce processing backlogs for law enforcement, DMV, and the Department of Transportation (DOT). DMV is currently looking at the possibility of certain upgrades to the current CDR software that may include:

- Eliminate errors being introduced when people enter the wrong identifying information, mainly mistyped driver's license numbers (DLN), into the 12-209 public crash reporting web form and validating this information on the backend so actions are only taken on reports that match those fields exactly to the Alaska License and Vehicle Information Network (ALVIN) database for the individual. A batch job should then create PDF error report for non-matched and out-of-state drivers that could be processed manually.
- Expand the crash incident search menu to include the ability to search by incident number and full name of customer (mirror person search on customer portal).
- The current system creates duplicates of actions. This may be due to the way SWP and COA statuses are applied to the records and duplicating the actions. Troubleshoot this duplication issue and resolve so that only one notice is created per record.

- Create a batch job to submit new crash reports to DOT&PF. Build a batch job that generates a PDF report using the existing methods/forms for each new crash (12-200 and 12-209) since last run and FTP the PDF reports to DOT&PF servers. The source code will be structured generically enough so that when DOT&PF builds their API, the DMV Programming Team will be able to swap out the implementation to call the API rather than build the PDF.
- Build an interface application in the form of a REST API (using current REST API best practices) to programmatically accept form 12-200 crash data from state law enforcement agencies from their proprietary Computer Aided Dispatch/Record Management Systems (CAD/RMS). This API will accept all data elements currently stored in the ALVIN database for 12-200 forms. The payload schema design details would be approved by the DMV Programming Team. The interface should catch exceptions and notify the consumer in the HTTP response if the data cannot be stored due to data type mismatch, field length, etc. issues.
- Perform an analysis on the current 12-209 (public) crash report web application page to identify UI improvements and programmatic validation rules to make the form a better experience for the public user, reduce errors, and increase data consistency for analysis and reporting. Implement those discovered UI improvements and form validation rules.

Response Information:

Responses should include the following:

- 1) Business name, contact name, mailing address, phone number, and e-mail of designated point of contact; and
- 2) Existing capableness and competence related to the upgrades identified above.

This RFI does not extend any rights to prospective vendors or obligate the state to conduct a solicitation or purchase any goods or services. DOA does not intend to award a contract from this RFI, nor will DOA be financially responsible for the preparation, or administrative costs incurred to respond to this RFI. All costs associated with responding will be solely at the interested party's expense.

Procurement Officer contact information:

Interested parties must submit a written response by **Thursday, March 16, 2023, at 12:00 Noon AKST**. Responses must be sent via email to: doa.oppm.procurement@alaska.gov

All questions must be in writing and emailed to: doa.oppm.procurement@alaska.gov
 Attention: Lisa Trombi, Procurement Manager
 Department of Administration, Division of Motor Vehicles
 Office of Procurement and Property Management