



No. T8080-230692
Advance Contract Award Notice
Light Duty Vehicle Data

An ACAN is a public notice indicating to the supplier community that a department or agency intends to award a contract for goods, services or construction to a pre-identified supplier, thereby allowing other suppliers to signal their interest in bidding, by submitting a statement of capabilities. If no supplier submits a statement of capabilities that meets the requirements set out in the ACAN, on or before the closing date stated in the ACAN, the contracting officer may then proceed with the award to the pre-identified supplier.

BACKGROUND:

Transport Canada needs to know what light duty vehicles are on the Canadian roads. The Canadian Vehicles in Operation Census (CVIOC) identifies all light duty vehicles registered in Canada by collecting the vehicle registration files from each Province and Territory. The vendor must be able to collect, standardize, validate, and add derived information using the Vehicle Identification Number (VIN) to append 10 vehicle specific details such as engine size, fuel type, body type, and drivetrain details to the basic registration data.

CVIOC file is to be combined with the Advanced Driver Assistance Systems (ADAS) details. The vendor will confirm if a ADAS feature is standard, optional, or unavailable by year, make, model and trim (post 2011 model vehicles only). 38 possible safety equipment or driver assistance technologies are considered.

The purpose of this requirement is to procure the services of a contractor who will provide a complete list of the Canadian light duty vehicle fleet information for 2023, 2024, and 2025, and appended / combined with advanced driver's assisted safety systems and vehicle safety equipment information by make, model, trim and model year.

The objective of this project is to obtain automotive fleet information for 2023 and beyond to seamlessly work with the existing data holdings so that Transport Canada can continue to monitor the Canadian light duty fleet in detail and add to the existing time series since 1992.

DEFINITION OF REQUIREMENTS:

For the vehicle registrations portion of the database CVIOC for year 2023 and going forward, the data series requires all Class 1 and 2 vehicle registrations with VIN characteristics decoded, including full engine detail. Size class segmentation data will be appended to the registration data records. This information is to be summarised at the national and provincial levels.

For the safety technologies portion of the database (Advanced Drivers Assisted Systems and Vehicle Safety Equipment), the CVIOC weighted file of vehicle registrations will be augmented by advanced safety features found on each manufacturer make and model and trim/series of vehicle registered in Canada with a model year of 2012 or newer. This information will be added using fields indicating all



advanced safety equipment in language designated by its original equipment (OE) manufacturer. The list of the minimum safety technologies to be identified and added is in Appendix A below.

CRITERIA FOR ASSESSMENT OF THE STATEMENT OF CAPABILITIES (MINIMUM ESSENTIAL REQUIREMENTS):

Data will be provided in Microsoft Excel (.xls) format and must include the following fields. Technical assistance during the entire contract period will be provided as needed.

List of Minimum Safety Technologies to be Identified/Added

1	ActiveHeadRestraint	16	IntersectionAssist
2	AdaptiveCruiseControl	17	LaneDepartureWarning
3	AdaptiveHeadlamps(renamedAdaptiveFront-LightingSystem)	18	LaneKeepingAssist
4	AutomaticLaneChange	19	NightVision
5	AutoHighBeam(renamedAutomaticHighBeams)	20	ParkingSensors
6	AutomaticParking	21	RearCross-trafficAlert
7	BlindSpotMonitoring(renamedBlindSpotWarning)	22	Rear-viewCamera(renamedBack-upCamera)
8	CollisionWarning&AutomaticBraking	23	RoadOverAvoidance
9	CollisionWarning(renamedForwardCollisionWarning)	24	SafetySuite
10	CruiseControl	25	StabilityControl(renamedElectronicStabilityControl)
11	DriverDrowsinessDetector	26	TirePressureMonitoringSystem
12	EmergencyDriverAssistant	27	TractionControl
13	HighwayPilot	28	TrailerStabilityAssist
14	HillAssist	29	TrafficJamAssist
15	IntelligentSpeedAlert/Assist	30	TrafficSignRecognition

In addition to the above, Transport Canada has requested the inclusion of additional safety features. These are listed below and will be included in the upcoming database:

- 1 Heads-up Display
- 2 Trailer Back-up Assistance
- 3 On-board WIFI
- 4 V2N Notification
- 5 Surround View Camera
- 6 Automatic Crash Notification
- 7 Wireless Connectivity (4G/LTE/5G)
- 8 Over air firmware updates



10 additional vehicle specific details derived from the VIN number are:

Cubic Inch Displacement (CID)

Cubic Centimetres (CC)

Engine code

Fuel Type (ex. gas, diesel)

Fuel Delivery (ex direct or multiport)

Aspiration (ex. Reg or turbocharged)

Wheels Driving (ex FWD)

Gross Vehicle Weight Class

Body Type (ex Sedan or SUV)

Number of Cylinders

Deliverables and Timeframes

1. Microsoft Excel (.xls) file(s) for reference year 2023, containing national and provincial registrations with full engine detail decoded as well as the size class segmentation data, augmented with the advanced vehicle safety equipment data.
2. Reports containing updated code definitions for all data fields (up to end of March 31, 2026 and within the licensing period.
3. Printed summary reports, if required. (up to March 31, 2026)

APPLICABILITY OF THE TRADE AGREEMENT(S) TO THE PROCUREMENT:

This procurement is subject to the following trade agreements

- [Canada-Chile Free Trade Agreement \(CCFTA\)](#)
- [Canada-Colombia Free Trade Agreement](#)
- [Canada - Honduras Free Trade Agreement](#)
- [Canada - Korea Free Trade Agreement](#)
- [Canada - Panama Free Trade Agreement](#)
- [Canadian Free Trade Agreement \(CFTA\)](#)

**JUSTIFICATION FOR PRE-IDENTIFIED SUPPLIER:**

DesRosiers Automotive Consultants inc. (DAC) has been supplying the industry with light vehicle registration analysis for more than three decades. The registration data is collected annually from each of the province/territory in July. Information about each vehicle is decoded from the VIN for approximately 28 million registered vehicles in Canada. The database that Transport Canada is interested includes only the light duty vehicle counts by province by full engine detail.

The vendor/licensor DAC is an authorized reseller of certain proprietary data Total Vehicles in Operation (TVIO) data- the CVIOC is a subset of TVIO, the light duty vehicle portion. Which Transport Canada (licensee) acquires through a license agreement. The licensor has exclusive ownership of the data and the licensee is subject to limitations of use of the data. As with most Government of Canada contracts, Transport Canada's "General Conditions for Professional Services" will supersede the terms/conditions of the license agreement, where applicable. The vendor has shown flexibility in our use of the data and will continue to do so.

DAC is willing an able to deliver the data in the requested format and including all the required information.

GOVERNMENT CONTRACTS REGULATIONS EXCEPTION:

The following exception(s) to the Government Contracts Regulations is (are) invoked for this procurement under subsection 6 (d) that states "only one person or firm is capable of performing the contract".

OWNERSHIP OF INTELLECTUAL PROPERTY:

Ownership of any Foreground Intellectual Property arising out of the proposed contract will vest with the contractor.

PERIOD OF THE PROPOSED CONTRACT:

The proposed contract is for one (1) year plus two (2) option years.

ESTIMATE COST:

The estimated value of the contract including all potential cost is less than \$125,000.00 excluding applicable taxes.

NAME AND ADDRESS OF THE PRE-IDENTIFIED SUPPLIER:

Company Name: DesRosiers Automotive Consultants Inc.

Address: 80 Fulton Way, Richmond Hill, ON L4B 1J5

SUPPLIERS' RIGHT TO SUBMIT A STATEMENT OF CAPABILITIES:

Suppliers who consider themselves fully qualified and available to provide the services described in the ACAN may submit a statement of capabilities in writing to the contact person identified in this notice on or before the closing date of this notice. The statement of capabilities must clearly demonstrate how the supplier meets the advertised requirements.



CLOSING DATE FOR A SUBMISSION OF A STATEMENT OF CAPABILITIES:

The closing date and time for accepting statements of capabilities is May 22, 2024 at 2:00 p.m. EST.

INQUIRIES AND SUBMISSION OF STATEMENT OF CAPABILITIES:

Inquiries and Statement of Capabilities are to be directed to:

Name: Fanie Charron
Title: Procurement Specialist
Department: Transport Canada
Tel: 343-574-8173
Email: fanie.charron@tc.gc.ca