

1. Advance Contract Award Notice (ACAN)

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.

2. Definition of the requirement

The Department of Environment Canada has a requirement to obtain Off-road fleet data that supplements previously acquired data of similar scope while also establishing a long-term procurement strategy to have these data updated for future years. These data will improve the compilation of Environment and Climate Change Canada's (ECCC) Greenhouse Gas, Air Pollutant and Black Carbon emission inventories.

3. Scope of Work

The work will involve the following:

The dataset must include all available engine fuels and engine power ranges. The country of sale must be limited to Canada.

The dataset provided must include the following data fields:

Calendar Year

Engine Cycle

Segment

Application

Product

Engine Fuel

Engine Power Rating Range

Average Engine Power Rating

Engine Type

Emissions Certification Level

Emissions Certifying Agency

Emissions Solution Strategy

In addition, an In-Service Population column must be provided for the "1985 and prior" Model year group and each Model year from 1990 through 2020, inclusively. A total of 36 additional data fields.

The contractor shall provide the Technical Authority (TA) the dataset at the national level, in Microsoft Excel™ format.

Tasks

Ensure that the following products are included in the final deliverable:

2-Wheel Tractors

Articulated Boom Lifts
Boom Lifts
Scissor Lifts
2-Wheel Drive Tractors
4WD Articulated Ag Tractors
MFWD Tractors
Tracked Ag Tractors
Air Compressors
Aircraft Load Lifting Equipment
De-Icing Equipment/Heat and Start Units
Ground Power Units
Utility Service Equipment
Balers
Horizontal Boring Machines
Portable Drills
Self-Propelled Drills
Truck Mounted/Towable Drills
Chainsaws
Industrial Chippers
Industrial Grinders
Stump Grinders
Combines
Commercial Walk-Behind Mowers
Riding Reel Mowers
Riding Rotary Turf Mowers
Walk Behind Greens Mowers
Zero-Turn Mowers
Aerators
Commercial Chippers
De-thatchers
Hydro-seeders
Other Commercial Turf Equipment
Riding Bunker and Field Groomers
Sod Cutters
Concrete and Masonry Saws
Cut-Off/Tile Saws
Portable Saw Mills
Roof Cutters/Peelers
Crane Chassis
Pedestal Cranes
Self-Propelled Cranes
Upper Crane Units
Crawler Dozers
Crawler Loaders

Crushing and Processing Equipment

Concrete Buggies

Crawler Dumpers/Tenders

Dumpers/Tenders

Crawler Excavators

Mini Excavators

Wheeled Excavators

Concrete Finishers/Trowels

Concrete Vibrators

Other Finishing Equipment Self Propelled

Screeds

Feller Bunchers

Forwarders

Log Loaders Self Propelled

Log Loaders Trailer Mounted

Other Forestry Equipment Self Propelled

Skidders

Tree Harvesters

Forklifts

Gas Compressors

APUs

Portable Generator Sets

RV Generator Sets

Trailer Mounted Generator Sets

Concession Karts

Fun Karts

Racing Karts

Golf Cars

Graders

Hydraulic Power Units

Irrigation Sets

Garden Tractors

Lawn Tractors

Walk Behind Reel Mowers

Walk Behind Rotary Mowers

Leaf Blowers

Leaf Vacuums

Light Plants

Signal Boards

Asphalt Mixers/Agitators

Cement/Mortar Mixers

3-Wheelers

4-Wheeled ATVs

Off-Road Motorcycles

Other Recreational Products
Scooters/Minibikes/Mopeds
Off-Highway Tractors
Articulated Trucks
Rigid Haul Trucks
Fracturing Rigs
Oil Field Pumps
Ag Mowers
CRVs (Chinese Rural Vehicles)
Harvesters
Other Ag Equipment Self Propelled
Special Cultivating Equipment
Other Construction Equipment Self Propelled
Pavement Planers/Profilers
Placers/Spreaders
Tensioners
Abrasive Blasting Equipment
Blowers/Vacuums/Water Sprayers
Industrial Paint Sprayers
Industrial Spreaders
Mini Multi-Purpose Tool Carriers
Multi-Purpose Tool Carriers
Other Industrial Self Propelled
Winches/Hoists
Augers
Other Lawn and Garden Equipment
Sickle Bar Mowers
Wood Splitters
Conveyors
Other Material Handling Equipment
Outboard Engines
Asphalt Pavers
Concrete Pavers
Slip Form Pavers
Jet Drive Boats
PWC Sit-Downs 1-2 People
PWC Sit-Downs 3 People
PWC Stand-Ups
Plate Compactors
Inboard Engines
Sailboat Auxiliary Engines
Stern Drive (I/O) Engines
Pressure Washers
Concrete Pumps

Fire Pumps
General Industrial Pumps
Industrial Sprayers
Ballast Handlers
Other Railway Maintenance Self Propelled
Rail/Tie Handlers
Rear Engine Riders
Bus Air Conditioners
Container/Marine Refrigerator Equipment
Truck/Trailer Refrigeration Equipment
Landfill Compactors
Rollers (Static and Vibratory)
Soil Compactors
Straight Mast Forklifts
Telescopic Boom Forklifts
Truck Mounted Forklifts
Elevating Scrapers
Standard Scrapers
Tandem Powered Scrapers
Industrial Scrubbers and Sweepers
Municipal Sweepers
Shredders
Compact Tracked Loaders
Compact Utility Loaders
Skid Steer Loaders
Snowblowers
Snowmobiles
Ice Maintenance Equipment
Off-Highway Tracked Transporters
Off-Highway Wheeled Transporters
Other Specialty Vehicles
Snow Groomers
Backpack Sprayers
Self-Propelled Sprayers
Skid Mounted Sprayers
Towable/Tractor Mounted Sprayers
Crack/Joint Routers
Other Surfacing Equipment Self Propelled
Pumper Kettles/Melters
Sealcoaters
Surface Grinders
Tracked Military Vehicles
Wheeled Military Vehicles
Tampers/Rammers

Baggage/Material Tractors
Push-Back Tractors
Yard Spotters
Tillers
Mini Tractor/Loader/Backhoes
Tractor/Loader/Backhoes
Portable/Walk-Behind Trenchers
Riding Trenchers
Brush Cutters/Disc Mowers
Edgers
Hedge Cutters
Trimmers
Mining Loaders
Mining Locomotives
Mining Personnel Carriers
Mining Utility Vehicles
Ore Transporters
Other Underground Equipment Self Propelled
Commercial Turf Utility Vehicles
Industrial Utility Vehicles
Personnel Carriers
Welders
Mini Wheel Loaders
Wheel Dozers
Wheel Loaders
Windrowers

Aggregate in-service equipment populations into the following engine power rating groups:

0-1 hp
1-3 hp
3-6 hp
6-11 hp
11-16 hp
16-25 hp
25.0000-25.4794 hp
25.4794-40.0000 hp
40-50 hp
50-75 hp
75-100 hp
100-175 hp
175-300 hp
300-600 hp
600-750 hp
750-1000 hp

1000-1200 hp
1200-1500 hp
1500-2000 hp
2000-3000 hp
3000+ hp

For each aggregated record, provide the average engine power rating, weighted by in-service population.

Ensure that model years are defined individually for years 1986 through to and including 2020. Older vehicles and equipment must be grouped within a “1985 and prior” model year group.

Ensure that in-service populations are defined for each calendar year from 1990 through to and including 2020, maintaining the same level of detail outlined in previous steps.

The work is to be submitted as a single deliverable, to the TA, in Microsoft Excel™ format.

4. Criteria for assessment of the Statement of Capabilities (Minimum Essential Requirements)

Any interested supplier must demonstrate by way of a statement of capabilities that it meets the following requirements:

- The contractor must have full-access to a database capable of meeting the requirements defined in Section 3, Scope of Work, in addition to having worked with the database for at least three (3) projects.

The examples must contain the following information:

- a) Project name and objectives;
- b) Project duration in terms of starting and ending dates (month/year);
- c) Description on how the proposed resource has work experience

Note: Each project cited must have a duration of greater than (>) three (3) months

5. Applicability of the trade agreement(s) to the procurement

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the Canada-Chile Free Trade Agreement (CCFTA), Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP), the Canada-Peru Free Trade Agreement (CPFTA), the Canada-Columbia Free Trade Agreement (CColFTA), and the Canada-Panama Free Trade Agreement (CPanFTA), Canada-United States Mexico Agreement (CUSMA), Canada-European Union Comprehensive Economic and Trade Agreement (CETA), Canada-Korea Free Trade Agreement, Canada-Honduras Free Trade Agreement, Canada Free Trade Agreement (CFTA) if it is in force.

6. Set-aside under the Procurement Strategy for Aboriginal Business

This procurement is NOT subject to a set-aside.

7. Comprehensive Land Claims Agreement

This procurement is NOT subject to the CLCA.

8. Justification for the Pre-Identified Supplier

The selected supplier meets all requirements, having exclusive access to a proprietary algorithm capable of estimating historical in-service vehicle and equipment populations. The proprietary algorithm is founded upon decades of surveying and research. No other potential supplier has dedicated a similar amount of resources to the modelling of historical off-road vehicle and equipment populations at the level of detail sufficient for emissions modelling. The selected supplier is well-established within this market, having been tracking the production of global engine-powered equipment since 1976.

9. Government Contracts Regulations Exception(s)

The following exception(s) to the *Government Contracts Regulations* is (are) invoked for this procurement under subsection 6(d), Only One Supplier is Capable of Performing the Work.

10. Trade Agreement-Exclusions and/or Limited Tendering Reasons

This procurement has no trade agreement exclusions.

11. Ownership of Intellectual Property

The contractor will retain Intellectual property on all products created through this contract. However, the Crown will be granted a non-exclusive license to use any products created through the contract, following the standard Treasury Board – IP Terms and Conditions for a Contractor-Owns Scenario. In lieu of a written permanent waiver of moral rights as defined in the Copyright Act, R.S., 1985, c. C-42, the contractor has requested that conventional formats for reports, papers or presentation be used for referencing the creators of the Work. Examples of information that may be included for referencing include:

“Authors, title of paper (presentation or report), identifying numbers of journal (presentation or report), year.

12. Period of the proposed contract or delivery date

The proposed contract is from the date of contract award until March 31, 2022 with an option to extend the contract by up to (5) five additional one (1) year periods.

13. Cost estimate of the proposed contract

The estimated value of the contract is \$55,750 USD for the initial contract year. The following amounts below are approximate for the option years that may follow;

\$50,200 US \$ For Option Year 1
\$51,700 US \$ For Option Year 2

\$53,200 US \$ For Option Year 3
\$54,800 US \$ For Option Year 4
\$56,500 US \$ For Option Year 5

14. Name and address of the pre-identified supplier

Power Systems Research Inc
1365 Corporate Center Curve
Eagan, MN 55121 U.S.A.

15. Suppliers' right to submit a statement of capabilities

Suppliers who consider themselves fully qualified and available to provide the goods, services or construction 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. You can send the email to anthony.deflavis@canada.ca

The statement of capabilities must clearly demonstrate how the supplier meets the advertised requirements.

16. Closing date for a submission of a statement of capabilities

The closing date and time for accepting statements of capabilities is 14:00 Eastern Daylight Time on June 25, 2021

17. Inquiries and submissions of statement of capabilities

Any inquiries or submissions of statement of capabilities can be submitted to:

Anthony De Flavis
Procurement Officer
Procurement & Contracting Services
Environment and Climate Change Canada
105 McGill, 5e étage, Montréal QC H2Y 2E7
anthony.deflavis@canada.ca
Téléphone 514-283-5958