

Advance Contract Award Notice (ACAN) 5000037310 - CANADIAN STATIONARY COMPRESSION-IGNITION ENGINE UNIT COSTS

1. Definition of the requirement

Environment and Climate Change Canada has a requirement for the supply of unit cost data for stationary compression ignition engines (specifically diesel engines used in stationary generator sets) in order to conduct the economic analysis of proposed emissions standards for these engines. The data must be obtained for the following engine size ranges: i) 25 – 50 HP ; ii) 50 – 75 HP; iii) 75 – 100 HP; iv) 100-175 HP; v) 175 – 300 HP; vi) 300 – 600 HP; vii) 600 – 750 HP; and viii) 750 – 3000 HP. The data must also be broken down according to the following EPA emission certification levels, or their equivalents: i) Tier 2; ii) Tier 3; and iii) Tier 4 final.

2. 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:

- A demonstrated understanding of the project scope and objectives;
- An awareness of project obstacles and a stated approach to overcome those obstacles;
- Completeness, clarity and organization of proposal;
- The process to complete the work is well defined;
- A clear depiction of the project deliverables;
- An ability to provide final deliverables within 90 days of project commencement; and
- Experience in gathering data that can be used to estimate the unit cost of stationary diesel engines.

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

This procurement is not subject to any trade agreements:

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

This procurement has not been set-aside for an Aboriginal supplier in accordance with the government Procurement Strategy for Aboriginal Business (PSAB). Therefore, a supplier who does not meet the definition of an Aboriginal business, as defined in the PSAB, may submit a statement of capabilities.

5. Comprehensive Land Claims Agreement(s)

This procurement is not subject to a Comprehensive Land Claims Agreement.

6. Justification for the Pre-Identified Supplier

Power Systems Research (PSR) has been collecting data and generating forecasts for engine and engine-powered product in global markets since 1976. PSR has a proprietary database of engine production and sales, which can be used to identify the population of stationary compression ignition engines in Canada. In addition to this unique database, PSR has a network of informal contacts that they can access to validate and improve upon their initial cost estimates. This aspect of their methodology will provide greater accuracy by, for example, separating the effects of sale volume, installation costs, and level of finish to provide an 'apples-to-apples' comparison of engine prices. There are no other known firms that have been as involved in the gathering and analysis of data for this particular market as PSR.

7. Government Contracts Regulations Exception(s)

The following exception(s) to the *Government Contracts Regulations* is invoked for this procurement under subsection 6(d) = "only one person is capable of performing the work."

8. Exclusions and/or Limited Tendering Reasons

No exclusion(s) and/or limited tendering reasons are being invoked.

9. Ownership of Intellectual Property

Canada intends to retain ownership of any Foreground Intellectual Property arising out of the proposed contract on the basis that the main purpose of the contract is to generate knowledge and information for public dissemination.

10. Period of the proposed contract or delivery date

- By **April 15, 2018**, a kickoff meeting must occur for the contractor to provide an explanation of the methodology, assumptions and data sources that will be used to generate the results, and a template that will demonstrate the format to be used to present the final results.
- By **May 1, 2018**, the contractor will provide a summary of the preliminary engine cost data for ECCC review and feedback.
- By **July 1, 2018**, the contractor will provide the final results of the engine cost analysis by engine size and EPA Tier, for ECCC review and approval.

11. Cost estimate of the proposed contract

The estimated value of the contract is \$30,000-40,000(GST/HST extra).

12. Name and address of the pre-identified supplier

Power Systems Research, 1365 Corporate Center Curve # 200, St Paul, MN 55121, USA

13. 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**, electronically, 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.

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

The closing date and time for accepting statements of capabilities is **April 18th, 2018**.

15. Inquiries and submission of statements of capabilities *include the name, position, address, phone, fax and e-mail address where suppliers may inquire or submit a statement of capabilities.*

Inquiries and statements of capabilities are to be directed to:

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Senior Contracting Officer
Environment and Climate Change Canada
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