

Solicitation number: 5000047910

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.

Definition of the requirement

Environment and Climate Change Canada (ECCC) has a requirement to provide software support to an internal software based on the Python programming language platform. The work will involve the following:

Additions and updates to the software include the following:

- a. Adding grid-connected fuel oil and diesel electricity generation pathways at the Canadian national and provincial/territorial levels;
- b. Expanding the software's functionality to include Canada's territories; and
- c. Updating the "EcoInvent" database used by all pathways in the software tool.

The work will have the following tasks:

- a. Review the existing software and assess the additions and updates required,
- b. Develop a project work plan for submission to ECCC's Technical Authority,
- c. Implement the additions and updates to the software as outlined in the project work plan,
- d. Deliver a presentation outlining the software additions and updates, and;
- e. Submit the final software, along with updated Conceptual Framework Document and User Manual, to ECCC's Technical Authority.

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:

- At least one team member must have as a minimum, a master's degree in environmental sciences or related discipline,
- At least one team member must have a recognized degree from a recognized educational institution in software design or an equivalent discipline,
- At least one team member must be a certified Life Cycle Assessment (LCA) practitioner,
- At least one team member must have significant experience coding in Python, working with database files, and using the Brightway2 framework for LCA. Significant is defined as at least two years of experience coding in Python professionally, and;

- Currently possess unrestricted access to EcoInvent database, without additional licencing fees required by the ECCC.

Applicability of the trade agreement(s) to the procurement

This procurement is not subject to trade agreements.

Set-aside under the Procurement Strategy for Aboriginal Business

This procurement is NOT set-aside for an Aboriginal supplier in accordance with the government Procurement Strategy for Aboriginal Business (PSAB).

Comprehensive Land Claims Agreement(s)

This procurement is NOT subject to Comprehensive Land Claims Agreement.

Justification for the Pre-Identified Supplier

Pre-identified supplier meets all requirements as above and in addition, were the original creator of the software system, including existing access to EcoInvent databases and licencing options.

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".

Exclusions and/or Limited Tendering Reasons

This Advanced Contract Award Notice is NOT subject to trade agreements.

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.

Period of the proposed contract or delivery date

Provide the period of the proposed contract or the required delivery, including potential renewal or option years. The system must be delivered, testing complete no later than March 31, 2021.

Cost estimate of the proposed contract

The estimated value of the contract is \$61,705.00, Customs Duties and taxes extra.

Name and address of the pre-identified supplier

École Polytechnique de Montréal
International Reference Centre for the Life Cycle of Products, Processes and Services (CIRAIG)
3333 Chemin Queen-Mary, suite 310
Montréal (Québec) Canada
H3V 1A2

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. 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 January 7, 2020 at 2:00 pm Eastern.

Inquiries and Submissions

Inquiries and statements of capabilities are to be submitted in PDF format by email only and directed to:

Tim Pelletier, Procurement Officer

Environment and Climate Change Canada

17th Floor, 45 Alderney Drive, K'jipuktuk (Dartmouth) NS B2Y 2N6

Statement of Capabilities will not be accepted by fax

Timothy.pelletier@canada.ca