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 and Climate Change Canada (ECCC) has a requirement to undertake a series of trace organic contaminant analyses on various biota samples from oil sands affected areas (n=159),from the Canadian Arctic (n=130), and from the Pacific coast (n=33), that were collected as part of high priority funded programs (including the Oil Sands Monitoring program, a CIRNAC-funded program that is supporting a Strategic Environmental Assessment of Baffin Bay and Davis Strait, and the Oceans Protection Plan).. The work will involve the following: Providing data on polycyclic aromatic compounds (PAC) (including polycyclic aromatic hydrocarbons and their alkylated and halogenated congeners; APACs and HPACs respectively) levels in submitted samples (n=322 frozen biota homogenates) determined by dual quad gas chromatography/mass spectrometry (GC-MS-MS) and 2D-GC (two dimensional gas chromatography) while using an internal standard method following fully accredited analytical laboratory methods. The list of PACs to be reported includes, but is not limited to: 1-Methylnaphthalene, 2-Fluorobiphenyl, 2-Methylnaphthalene, Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b,j,k)fluoranthene, Benzo(b)naphtothiophene, Benzo(e)pyrene, Benzo(ghi)perylene, C1-Chrysene, C1-Dibenzothiophene, C1-Fluoranthene/pyrene, C1-Fluorene, C1-Phenanthrene/anthracene, C2-Chrysene, C2-Dibenzothiophene, C2-Fluoranthene/pyrene, C2-Fluorene, C2-Naphthalene, C2-Phenanthrene/anthracene, C3-Chrysene, C3-Dibenzothiophene, C3-Fluoranthene/pyrene, C3-Fluorene, C3-Naphthalene, C3-Phenanthrene/anthracene, C4-Chrysene, C4-Dibenzothiophene, C4-Fluoranthene/pyrene, C4-Fluorene, C4-Naphthalene, C4-Phenanthrene/anthracene, Chrysene, Dibenzo(ah)anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Perylene, Phenanthrene, Pyrene, dichloro-anthracene/phenanthrene, bromo-anthracene/phenanthrene and dibromo-fluorene

   Detection limits of at least 1ng/g in certified reference material (CRM) are required by ECCC, as well as the use of accredited methods.

ECCC requires the analyses to be conducted using dual quad gas chromatography/mass spectrometry (GC-MS-MS) and 2D-GC (two dimensional gas chromatography) using an internal standard method following fully accredited analytical laboratory methods.

3. 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:

        1. Candidate laboratory must hold the following ISO17025 accreditation:
            a. CAN-P-4E (ISO/IEC 17025): General Requirements for the Competence of Testing and Calibration Laboratories, and
            b. CAN-P-1595: Test Method Development & Evaluation and Non-Routine Testing
        2. Candidate laboratory must offer PAC, APAC, and HPAC analysis using a combination of GC-MS-MS, HR-TOF and 2D GC-MS technology, including the capacity of further identifying and quantifying azo-arene and thia-arene compounds
            a. Methods must employ internal standards for all analytes
            b. Minimum detection limits of 1 ng/g wet weight or under for a sample mass of 5g
            c. Analytical methods must be validated in strict accordance with industry best practices such as the **Eurachem Guide to Quality in Analytical Chemistry**
            d. Quality control and quality assurance data must include measures of working range, detection limits, trueness, precision, method uncertainty and robustness
            e. List of analytes offered must include, but not be limited to: 1-Methylnaphthalene, 2-Fluorobiphenyl, 2-Methylnaphthalene, Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b,j,k)fluoranthene, Benzo(b)naphtothiophene, Benzo(e)pyrene, Benzo(ghi)perylene, C1-Chrysene, C1-Dibenzothiophene, C1-Fluoranthene/pyrene, C1-Fluorene, C1-Phenanthrene/anthracene, C2-Chrysene, C2-Dibenzothiophene, C2-Fluoranthene/pyrene, C2-Fluorene, C2-Naphthalene, C2-Phenanthrene/anthracene, C3-Chrysene, C3-Dibenzothiophene, C3-Fluoranthene/pyrene, C3-Fluorene, C3-Naphthalene, C3-Phenanthrene/anthracene, C4-Chrysene, C4-Dibenzothiophene, C4-Fluoranthene/pyrene, C4-Fluorene, C4-Naphthalene, C4-Phenanthrene/anthracene, Chrysene, Dibenzo(ah)anthracene, Fluoranthene, Fluorene,

Indeno(1,2,3-cd)pyrene, Naphthalene, Perylene, Phenanthrene, Pyrene, dichloro-anthracene/phenanthrene, bromo-anthracene/phenanthrene and dibromo-fluorene

3. Price per sample must be equal to, or less than $550/sample submitted homogenized in chemically-treated amber glass jars

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

   This procurement is subject to the following trade agreement(s):
   - Canadian Free Trade Agreement (CFTA)
   - North American Free Trade Agreement (NAFTA)
   - Canada-European Union Comprehensive Economic and Trade Agreement (CETA)

7. Justification for the Pre-Identified Supplier

   The pre-identified supplier provides state-of-the-art, unique and peer-reviewed analytical methods to generate data. For the moment there are no other commercial laboratories available for the analysis of the necessary compounds (Polycyclic aromatic compounds (PAC), as well as alkylated and halogenated congeners (APACs and HPACs)) using industry-leading, accredited gas chromatography tandem mass spectrometry (GC-MS-MS) and two dimensional gas chromatography (2D-GC) methods. The need for reliable, robust and quality data in biota samples (including Indigenous traditional foods) is urgent as ECCC seeks to deliver on high priority programs and legal obligations.

8. 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 person is capable of performing the work.

9. Exclusions and/or Limited Tendering Reasons

   The following exclusion(s) and/or limited tendering reasons are invoked under the:
   - Canadian Free Trade Agreement (CFTA) – Article(s) paragraphs 1 through 3 of Article 513
   - North American Free Trade Agreement (NAFTA) – Article(s) 1016
   - Canada-European Union Comprehensive Economic and Trade Agreement (CETA) – Article(s) Articles 19.6 through 19.8, paragraphs 7 through 11 of Article 19.9, and Articles 19.10, 19.11, 19.13 and 19.14

10. 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.

11. Period of the proposed contract or delivery date

    - The proposed contract is for the period ending **March 29, 2019**.

12. Cost estimate of the proposed contract

    The estimated value of the contract is **$185,955.00** (GST/HST extra).

13. Name and address of the pre-identified supplier

    University of Manitoba
    Faculty of Science
    239 Machray Hall
    Winnipeg, Manitoba
    Canada
    R3T 2N2

14. 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.

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

    The closing date and time for accepting statements of capabilities is **February 25, 2019 at 4:00pm EST**.

16. Inquiries and submission of statements of capabilities

    Inquiries and statements of capabilities are to be directed to:

    Christina Granda
    Procurement and Contracting Officer
    Environment and Climate Change Canada
    200 Sacre-Coeur Blvd., Gatineau, QC K1A 0H3
    819-938-3835
    Christina.Granda@canada.ca