

ADVANCE CONTRACT AWARD NOTICE (ACAN)

1. Definition

An Advance Contract Award Notice (ACAN) allows departments and agencies to post a notice, for no less than fifteen (15) calendar days, indicating to the supplier community that it intends to award a good, service or construction contract to a pre-identified contractor. If no other supplier submits, on or before the closing date, a Statement of Capabilities that meets the requirements set out in the ACAN, the competitive requirements of the government's contracting policy have been met. Following notification to suppliers not successful in demonstrating that their Statement of Capabilities meets the requirements set out in the ACAN, the contract may then be awarded using the Treasury Board's electronic bidding authorities.

If other potential suppliers submit Statement of Capabilities during the fifteen calendar day posting period, and meet the requirements set out in the ACAN, the department or agency must proceed to a full tendering process on either the government's electronic tendering service or through traditional means, in order to award the contract.

2. Definition of Requirements

Context:

We need these syntheses data to better know and understand the behavior of the bedrock and thus evaluate the potential fracturing of these units during the exploration for shale oil on Anticosti.

Description of the services that will be supplied:

Analyze the various oil and gas drilling log data to estimate, among others, the rock properties such as Young's modulus and Poisson's ratio and regional variations in relation to the areas faulted on Anticosti in connection a project on the geological integrity of the sedimentary cover sequence-Macasty on Anticosti Island.

The most effective approach to assess the geomechanical behavior Shale Macasty and coverage as well as its variability at the regional level is to analyze the logs available for oil and gas wells that have passed through these units. Only the D020 has a well diagraphic suite and satisfactory laboratory data to achieve this purpose. Regional geomechanical characterization will therefore be based on synthetic logs generated for each well by calibration from the D020 well.

The starting point for this study will be to test different calibration methods to identify the most relevant methods for Macasty Shale and coverage.

A series of dynamic geomechanical parameters are then calculated for each well like the D020 wells and correlations between wells will be conducted to assess the regional variability of these properties. The presence of natural fractures in each well will also be studied through the logs and drilling end reports.

3. Trade Agreements

None applicable

4. Ownership of Intellectual Property

Natural Resources Canada has determined that any intellectual property rights arising from the performance of the Work under the resulting contract will belong to Canada, on the following grounds:

to generate knowledge and information for public dissemination.

NRCan reserves the right to grant, upon written request, a license to exercise the required Intellectual Property Rights in such Canada-owned information to the successful Contractor.

For reference, the Treasury Board Site is: http://www.tbs-sct.gc.ca/pubs_pol/dcgpubs/contracting/tipaucpca1-eng.asp#_Toc490365246

SACC Manual clause 4007 - Canada to Own Intellectual Property Rights in Foreground Information (2010-08-16).

5. Contract Period

The contract duration should begin on January 5th and end on March 31st, 2015.

6. Estimated Cost

The estimated value of the contract for 260 hours at hour rate of \$110.00 is of \$28,600.00, taxes are extra, if applicable.

7. Exception to the Government Contracts Regulations and applicable trade agreements

The following exception in the Section 6 of the Government Contracts Regulations is invoked for this contract: (d) only one person or firm is capable of performing the contract.

8. Name and Address of the Proposed Contractor

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9. Inquiries on Submission of Statement of Capabilities

"Suppliers who consider themselves fully qualified and available to provide the services/goods described herein, may submit a Statement of Capabilities in writing, preferably by e-mail, to the contact person identified in this Notice on or before the closing date and time of this Notice. The Statement of Capabilities must clearly demonstrate how the supplier meets the advertised requirements."

Criteria for Assessment of the Statement of Capabilities

The contractor must have:

- PhD in Earth Sciences from a recognized Canadian University
- Knowledge of the stratigraphy and structural geology of Anticosti Island
- 5 years of recent experience in / on:
 - 1) The interpretation of well logs
 - 2) Working knowledge of petrophysical software PETRA
 - 3) Derived from acoustic logs with P waves in logs including S waves
 - 4) The calculation of Young's modulus and Poisson's ratio from the well logs
 - 5) The integration of multi-source data, including seismic SEG Y and well logs
 - 6) The practical effects of hydraulic fracturing on the ductility / brittleness of shales and their sedimentary cover

We believe that Mr. Stephan Séjourné is the only person who has all the qualifications and experiences outlined above.

Note: Recent experience means within the last 10 years.

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10. Closing Date

December 30, 2014 at 2:00 P.M. (Eastern Standard Time EDT)

11. Contract Authority

France Bolduc
Procurement Officer
Natural Resources Canada
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Quebec, QC G1V 4C7
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