

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 borehole logging data to acquire a better knowledge, and thus understanding, of the rock behaviour that forms the protective intermediate zone, separating the shale unit, targeted by the industry, and surficial aquifers that are used for water supply.

This contract is conducted as part of a project focusing on aquifer vulnerability to industrial activities in a gas field near Sussex, New Brunswick.

Description of the services that will be supplied:

The project consists in carrying out a geomechanical study using borehole geophysics logs of oil and gas wells in the Sussex area, New Brunswick, and compare these results to those that will be obtained with borehole geophysics in shallow wells.

The consultant will analyse digital borehole logging data of several oil and gas wells to estimate porosity and geomechanical properties of the rock, such as Young modulus and Poisson coefficient, as well as investigate natural fracture networks, in order to assess the potential of fracture propagation towards the surface induced by hydraulic fracturing in an unconventional reservoir. In addition, he will have to estimate values of the different properties for shallow wells.

3. Trade Agreements

Not 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 (2010-08-16) - Canada to Own Intellectual Property Rights in Foreground Information

5. Contract Period

The contract duration should begin on January 4th and end on July 31st, 2016, with an option for an extension of up to 8 months on the same terms.

6. Estimated Cost

The estimated value of the contract for 220 hours at an hourly rate of 110\$ is of 24,200\$, plus the optional 24,200\$ for a total of 48,400\$ ((55,647.90\$ including taxes).

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:

- a Ph.D. in Earth Sciences from a recognized Canadian University
- Working knowledge of the petrophysical software PETRA© (NRCan own a license)
- 3 years of recent experience in / on:
 - 1) the processing of digital data from borehole logging surveys
 - 2) projects with environmental incidences, particularly on the potential impacts of shale gas development on surface aquifers
 - 3) evaluating the effects of hydraulic fracturing depending on the ductility / brittleness of shales and their sedimentary cover

The contractor must demonstrate:

- understanding of oil and gas reservoirs
- ability of calculating Young's modulus and Poisson's ratio from the well logs

Asset:

- Knowledge of the stratigraphy and structural geology of the southern part of New Brunswick and of the sedimentary Carboniferous Basin of Eastern Canada.

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

Note: Recent experience means within the last 6 years.

10. Closing Date

December 21, 2015 at 2:00 P.M. (Eastern Standard Time EDT)

11. Contract Authority

France Bolduc
Procurement Specialiste
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