



## DEEP PANUKE

### EXPRESSION OF INTEREST (EOI): Well Stimulation Services

**Bids Category:** 0970

**Package number:** OP20 – Well Stimulation Services

**Issue date:** 8 June 2015

**Closing date:** 22 June 2015

### GENERAL

Encana Corporation is the owner and operator of the Deep Panuke natural gas field in Nova Scotia's offshore. Natural gas from Deep Panuke is processed offshore at the Production Field Centre (PFC) with sales gas transported to market via a subsea pipeline making landfall at Guysborough County, NS. The PFC is located approximately 250 km southeast of Halifax.

Encana is a leading North American energy producer that is focused on developing its strong portfolio of resource plays, held directly and indirectly through its subsidiaries, producing natural gas, oil and natural gas liquids (NGLs). By partnering with employees, community organizations and other businesses, Encana contributes to the strength and sustainability of the communities where it operates. Encana common shares trade on the Toronto and New York stock exchanges under the symbol ECA.

Further information on Encana Corporation is available on the company's website, [www.encana.com](http://www.encana.com). Further information on Deep Panuke is available at [www.encana.com/deeppanuke](http://www.encana.com/deeppanuke).

### Business Opportunities

Encana is committed to providing opportunities for Nova Scotian and Canadian companies through employment, procurement and contracting on an internationally competitive basis, with full and fair opportunity for Nova Scotians and Canadians, and first consideration to Nova Scotians where competitive on a best value basis. Companies who have been invited to tender will be required to complete a Canada-Nova Scotia Benefits Questionnaire, and demonstrate their commitment to and compliance with Encana's requirements regarding Canada-Nova Scotia Benefits, during the tender process.

Interested firms are requested to demonstrate their capabilities and experience via a formal response to this EOI and the Prequalification Questionnaire, which can be obtained from Encana at the address provided below.

### SCOPE OF WORK

#### Well Stimulation Services

Encana is seeking qualified companies for the provision of Well Stimulation Services for its Deep Panuke Production wells. Respondents should provide information to show their ability to provide:

- Operational chemicals, equipment and personnel that are suitable for use offshore Nova Scotia throughout the entire year.

- The following are the expected main well stimulation activities and their possible components;
  - Hydrochloric acid and appropriate additives – Injection into Dolomitic and Limestone reservoirs to enhance productivity.
  - Nitrogen – to displace the acid into formation and possibly act as a foam diverting stage.
  - Diverting agents – to aid in acid placement and efficiency. These may range from solids based materials to foam stages.
  - Formation Water shut-off – chemical products to selectively seal portions of the perforated interval. Materials may include formation water activated silicates or epoxy.
- Tote and Chemical Stock Management and Transportation including the ability to maintain a NAS 8 B-F class of cleanliness at the TUTU injection point.

Respondents must demonstrate previous experience in providing this scope of work for offshore oil and gas installations located in Canada.

### **Requirements**

1. Interested parties are required to have an EH&S Management System and a registered Quality Management System and a current certificate issued by a recognized third party that certifies that the Quality Management System meets the requirements of the ISO 9001.
2. All work carried out for Deep Panuke shall comply fully with Canada-Nova Scotia Offshore Petroleum Board Regulations.
3. Contractors shall have previous experience with carrying out the work similar to that specified by this EOI.

### **Information Requested with EOI response**

Respondents are requested to provide a brief Company profile, contact details, key personnel and a summary of related experience including Nova Scotia and Canadian capabilities and all data pertinent to the scope of work.

Encana will select qualified bidders using the responses to this EOI as a guide. Any eventual list of Bidders will be posted on the Encana website and other industry websites such as BIDS Nova Scotia. Encana reserves the right to select more than one Contractor to execute the above Scope of Work.

Encana is under no obligation to proceed with a Request for Proposal or Quote as a result of this call for Expressions of Interest. Respondents that qualify will be invited to participate in the event Proposals or Quotes are solicited.

Expressions of Interest must be received by post or email on or before **June 22, 2015 at 1:00 PM** Atlantic time.

All inquiries and Expression of Interest must be clearly marked with the EOI reference number and should be directed to:

John F. Nowlan, P. Eng.  
 Senior Contracts Specialist  
 Deep Panuke  
 1701 Hollis Street, Suite 700, Founders Square  
 Halifax, Nova Scotia, Canada B3J 3M8

Tel: 902.492.5415 / Fax: 902.425.2766  
[John.Nowlan@encana.com](mailto:John.Nowlan@encana.com)