



Encana Corporation Expression of Interest (EOI)

Anchor Handling/Support Vessels

BIDS Category: 9310
Reference: EOI DC21
Issue Date: November 21, 2018
Closing Date: December 5, 2018

General

Encana Corporation (Encana) is the owner and operator of the Deep Panuke natural gas project in Nova Scotia's offshore. The project included facilities required to produce natural gas from the Deep Panuke field, located approximately 175 kilometers offshore Nova Scotia. Natural gas from Deep Panuke is processed offshore and transported, via subsea pipeline, to Goldboro, Nova Scotia for further transport to market via the Maritimes & Northeast Pipeline.

The Development includes the following major infrastructure (the "facilities"):

- Production Field Centre (PFC);
- Five (5) - subsea wells, trees, and protection structures;
- Infield flowlines and umbilicals;
- Gas export pipeline and onshore metering facility;

The Deep Panuke reservoir fluids contain H₂S and CO₂ which was removed from the fluid stream during processing on the PFC and disposed of into a dedicated subsea acid gas injection well. The sales ready product was exported from the PFC via an export pipeline.

Encana's strategy towards the decommissioning of the Deep Panuke facilities will include cost efficient solutions that minimize risk to personnel, provide the least impact on the environment, and utilize proven technology. It is currently Encana's plan that the suspension and decommissioning of the Deep Panuke Development will generally be completed as follows:

- Suspension of Production Operations;
- Decommissioning of the subsea and onshore facilities and PFC removal; and
- Well Abandonment and Final Field Survey.

Respondents are advised that the Work carried out on Deep Panuke shall comply fully with Canada-Nova Scotia Offshore Petroleum Board Regulations and all regulatory requirements. Respondents shall also be required to comply with the Canada Nova Scotia Offshore Petroleum Resources Accord Implementation Act including but not limited to the Benefits requirements as set out in Section 45.

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 where competitive on a best value basis, and first consideration to Nova Scotians. Pre-qualified companies 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.

Encana is a leading North American energy producer that is focused on growing its strong portfolio of diverse resource plays producing natural gas, oil and natural gas liquids. 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. Further information on Deep Panuke is available at www.encana.com/deeppanuke



SCOPE OF WORK

Encana is seeking qualified companies for the provision of up to three (3) Anchor-Handling Tugs to assist with the Deep Panuke decommissioning program. The Work shall include, but not be limited to, the provision of Anchor Handling Tugs, meeting the minimum criteria set out below, to carry out rig moves required for Encana's Well Abandonment program using the Mobile Offshore Drilling Unit (MODU), Noble Regina Allen, as well as providing supply and standby services (as may be required) to support the well abandonment program.

Preference will be given to Canadian flagged and Canadian crewed vessels. All vessels shall have ISM certification and shall be compliant with:

- all regulatory requirements including guidelines for work offshore Nova Scotia, East Coast Canada;
- be compliant with Transport Canada Marine Safety, CNSOPB and Encana requirements;
- be compliant with IMO, SOLAS, MARPOL and STCW 95 regulations;
- be capable of working in the North Atlantic offshore environment; and
- be a "Safety Convention Vessel", as defined in the Canada Shipping Act, and carry a valid Certificate of Class issued by a recognized Classification Society that is a member of the International Association of Classification Societies (IACS) as per the Atlantic Canada Standby Vessel Guidelines.

Anchor Handling Tug Support Vessel(s) – minimum technical requirements shall include:

- Standby Document of Compliance (DOC) for Standby with Survivor Capacity for up to 150 persons;
- Accommodations requirements – suitable for crew plus 12 passengers;
- Bollard Pull – minimum 100 tonnes;
- Fuel capacity 700 m³;
- Bow Thruster 1000 hp;
- Stern thruster 700 hp;
- Bulk Capacity 250 m³;
- Liquid Mud 300 m³;
- Deck Area 450 - 500 m²;
- Cargo Deadweight 2,200 tonnes
- Suitability to work within an H₂S environment.

SCHEDULE FOR THE WORK

Encana is issuing this Expression of Interest to identify the availability of suitable companies, equipment and services to conduct the Work in the offshore Nova Scotia location commencing sometime between Q3 2019 to Q2 2020. The window for carrying out the Work will be ultimately dependent on the availability of the MODU. Any decisions on specific timing for the Work will be made at a later date.

Responses to this Expression of Interest must contain the following information:

- A: Confirmation of Respondent's previous harsh weather experience including references to previous (and relevant) projects similar to the Work. Information provided by Respondent should include details of its previous experience (three most recent projects) listing location, type of service, name of vessel(s) chartered, start and end dates, and client contact information.



- B: Confirmation of Respondent's vessel(s) and personnel availability (identifying the time frame for which Respondent's vessel(s) would be available for the Work), current location and present contract status of Respondent's proposed vessel(s).
- C: A duly completed Pre-Qualification Questionnaire.

GENERAL REQUIREMENTS

EOI respondents are required to have an implemented EH&S Management System and a registered Quality Management System (complete with a current certificate issued by a recognized third party that certifies that the Quality Management System meets the requirements of the ISO 9001 or equivalent). Respondents are also notified that the Work carried out on Deep Panuke shall comply fully with Canada-Nova Scotia Offshore Petroleum Board Regulations and all regulatory requirements.

Respondents are requested to provide a brief Company profile, contact details, managers and key personnel and a summary of related (and relevant) experience on past projects which are similar in scope including details of Respondent's Nova Scotia and Canadian capabilities.

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 the email address provided below.

Encana will select qualified bidders using the respondents to this EOI as a guide. Any eventual list of Bidders will be posted on the Encana website and other industry websites such as the Maritimes Energy Association bulletin.

Encana is under no obligation to proceed with a Request for Proposal as a result of this Expressions of Interest. Only those respondents deemed acceptable by Encana will be invited to participate in the event Proposals are solicited. Encana also reserves the right to award more than a single contract resulting from a Request for Proposal.

Expressions of Interest must be received on or before **December 5, 2018, 2:00 PM Atlantic time**.

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

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