



## Encana Corporation Expression of Interest (EOI)

### Supply of Remote Operated Vehicle & Tooling Services

**BIDS Category:** 9325  
**Reference:** EOI DC26  
**Issue Date:** March 01, 2019  
**Closing Date:** March 15, 2019

### GENERAL

Encana Corporation (Encana) is the owner and operator of the Deep Panuke natural gas development located approximately 175 kilometers offshore Nova Scotia. The development includes facilities required to produce natural gas from the Deep Panuke field, such as the offshore platform (Production Field Centre or PFC), subsea wells, flowlines, control umbilicals and protection structures for subsea equipment. The Deep Panuke reservoir fluids contain H<sub>2</sub>S and CO<sub>2</sub> which are removed from the fluid stream during processing on the PFC and disposed of into a dedicated subsea acid gas injection well. After processing, sales ready product is exported from the PFC via subsea pipeline, to Goldboro, Nova Scotia for further transport to market via the Maritimes & Northeast Pipeline. Encana permanently ceased production from Deep Panuke in 2018 and has begun the work required for decommissioning activities.

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;

It is currently Encana’s plan to generally complete the decommissioning of the Deep Panuke development as follows:

- Decommissioning of the offshore platform (PFC), subsea structures, flowlines, umbilicals, gas export pipeline, and onshore facilities;
- Well plugging and abandonment and subsea structure removal; and
- PFC removal 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](http://www.encana.com). Further information on Deep Panuke is available at [www.encana.com/deeppanuke](http://www.encana.com/deeppanuke)



## **SCOPE OF WORK**

Encana is seeking qualified companies interested in providing ROV services to assist with the Deep Panuke decommissioning program.

The Deep Panuke abandonment project includes four (4) subsea sour gas production wells and one (1) subsea acid gas injection (AGI) well, across five (5) subsea well locations. The qualified company will be capable of fully designing, planning and executing ROV Equipment & Services aspects of the well abandonment operations. The Work will be conducted from a Harsh Environment Jack-Up, Mobile Offshore Drilling Unit (MODU) capable of working year-round in 45 meters of water at the Deep Panuke field location offshore Nova Scotia, Canada. The intention would be to install the ROV, LARS and control cabin on the drilling rig. It should be noted that the rig is the Noble Regina Allen and therefore equipment must be certified to DNV 2-7.2 regulations.

The ROV is required to carry out periodic inspection services of subsea equipment as well as the rig and ancillary equipment (i.e. HP Riser). Also, the ROV will be required to deploy and recover Intervention and Workover Control System (IWOCs) hydraulic and electric flying leads (HFL & EFL). Tooling will be required to cut the subsea tree flowlines and umbilical's while on each well location.

Encana is currently also evaluating the potential for a rental Launch and Recovery System (LARS) for deployment of Encana owned Intervention & Workover Control System (IWOCs) basket. Pricing for a suitable LARS unit will be requested and compared to other deployment options for determination of the most cost effective solution.

The scope of work may also include, at Encana's discretion, future work related to utilizing the equipment and services described above for other work related to operations support and decommissioning of the Deep Panuke development.

## **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 from late 2019 to mid-2020. The timing for the Work is dependent on rig availability which is currently in use by another local operator. Any decisions on specific timing for the Work will be made at a later date.

COMPANY will require ROV Equipment to be on location in Halifax at least one month prior to the start-up of rig operations. The rig operations are expected to start in late 2019 or early 2020 therefore the equipment is expected to be required in Halifax during the 4<sup>th</sup> quarter of 2019 for installation on the rig.

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

- A: Company name and contact details;
- B: Confirmation of Respondent's North Atlantic harsh weather experience including references to previous projects similar to the Work;
- C: List of proposed equipment (type and manufacturer);
- D: Proposed offshore personnel and resumes;
- E: Confirmation of Respondent's equipment and personnel availability (identifying the time frame that the equipment would be available for the Work), current location and present contract status of proposed equipment.
- F: Quality documentation and certification



## 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 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. While not planned, it should be noted that the resulting Request for Proposal and contract may require inclusion of and/or extension to other operators in the area, project co-venturers, contractors and/or affiliated companies.

Expressions of Interest must be received on or before **March 15, 2019 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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