



**Encana Corporation
Expression of Interest (EOI)**

Provision of Dive Support Vessel for Subsea Disconnects

BIDS Category: 9325
Reference: EOI DC10
Issue Date: August 7, 2018
Closing Date: August 21, 2018

GENERAL

Encana Corporation (Encana) is the owner and operator of the Deep Panuke natural gas project in Nova Scotia's offshore. The project includes facilities required to produce and process natural gas from the Deep Panuke field, located approximately 175 kilometres offshore Nova Scotia, and transport sales quality gas, 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;

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 Acts 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, experienced companies to provide a dive support vessel to perform subsea disconnects from five subsea trees, one subsea isolation valve structure (SSIV) and the production field center (PFC) which includes:



- Subsea Trees (X5)
 - Flowline disconnect and installation of a blind flange
 - Umbilical disconnect
- SSIV (x1)
 - Gas export pipeline disconnects
 - Umbilical disconnect
- PFC (x1)
 - Flowline disconnects (5 in total)
 - Gas export pipeline (1 in total)
 - Umbilical disconnects (6 in total)

The flowlines, gas export pipeline and umbilicals to be disconnected are 8-inch, 22-inch and 5-inch in diameter respectively. The water depth at the various locations varies from 35m to 45m and the dive support vessel is required to have a saturation diving package.

The Work shall include but not be limited to:

- Subsea disconnect project management and engineering
- Subsea disconnect activities
- Installation of blind flange on the trees
- Disposal of recovered material

The successful bidder will be required to provide all personnel, equipment, procedures and vessel(s) to perform the work.

Schedule for the Work:

Completion of work scope is anticipated to be performed in either late Q3 2019 or mid Q2 2020.

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

- A: Confirmation of Respondent's North Atlantic harsh weather experience including references to previous projects similar to the Work. Information provided by Respondent should include but not be limited to the following:
- Project management, and engineering experience; and
 - Subsea disconnects project execution experience
- B: Confirmation of marine 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. Respondent should include the proposed structure of the execution plan to successfully accomplish the Work indicating all subcontracts and any preferred subcontractors.
- C: Details of the make-up of Respondent's early planning and engineering team complete with a detailed description of the core competencies of any nominated personnel.
- D: 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). Respondents are also notified that the Work carried out on Deep Panuke shall comply fully with 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.

While not planned, it should be noted that the resulting RFP and contract may require inclusion of and/or extension to other operators in the area, contractors and/or affiliated companies.

Expressions of Interest must be received on or before **August 21, 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:

Ted Russell
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Deep Panuke Project
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