



Encana Corporation Expression of Interest (EOI)

Removal of Subsea Structures, Transport and Disposal

BIDS Category: 9305, 9325, 9330

Reference: EOI DC11

Issue Date: July 17, 2018

Closing Date: July 31, 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 removal, transport and disposal services for six (6) subsea steel structures which includes:

- Five (5) Wellhead Protection Structure (WHPS)
- One (1) Subsea Isolation Valve (SSIV) Structure



The WHPS's are a steel tubular lattice frame with a 10m x 10m base, and overall height varying between 8.5m and 11.5m and located in water depths ranging from 35m to 45m. The WHPS's are secured to the seabed with driven steel pipe piles with an outside diameter of 762mm and are 25.4mm thick. In addition, a pre-cut well conductor and associated casing strings located within the WHPS structure is also to be removed in conjunction with the WHPS. The removal weights of the WHPS (including pre-cut well conductor and associated casing string) varies from 125 to 150 tonnes.

The SSIV is a steel tubular lattice frame which contains a 24-inch and 2-inch isolation valves. with a 10m x 5m base, and overall height of 4.5m and located in water depths of 45m. The SSIV is secured to the seabed with driven steel pipe piles with an outside diameter of 610mm and are 19.1mm thick. The removal weight of the SSIV is approximately 100 tonnes.

The Work shall include but not be limited to:

- Removal, transport and disposal engineering
- Soil excavation and pile cutting (internal and/or external)
- Removal of the subsea structures
- Transport of the subsea structures from the offshore location to an onshore disposal facility
- Disposal of the subsea structures

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

Schedule for the Work:

Completion of work scope is anticipated to be performed in either 2020 or 2021.

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;
 - Subsea Structures Removal and Transport project execution experience; and
 - Experience in disposal of offshore steel structures.
- 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 **July 31, 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:

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

Tel: 902-492-5415 / Fax: 902-492-5255
Email: john.nowlan@encana.com