



**EXPRESSION OF INTEREST (EOI)  
Gas Export Pipeline In-Line Inspection Services**

PROVISION OF: Gas Export Pipeline In-Line Inspection Services  
BIDS Category: 5900 / 5960  
Reference: EOI PL26  
Issue Date: November. 7, 2014  
Closing Date: November 21, 2014 @ 1:00 pm Halifax local time.

**Introduction**

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.

**Scope of Work**

Encana Corporation seeks qualified, experienced companies to provide in-line inspection services for the Deep Panuke 22-inch gas export pipeline. The inspection program is planned for Q2 2015.

The 22-inch gas export pipeline is 175km in length (172km offshore and 3km onshore) and was installed in 2009/2010 from Goldboro, Nova Scotia, to the offshore location of the Deep Panuke PFC. The pipeline transports sales quality natural gas (without liquids) from the PFC to Goldboro, NS where it connects to the Maritimes and Northeast Pipeline.

The majority of the pipeline has no internal coating and thus the pipeline is considered to be a long distance and abrasive pipeline. During commissioning, the pipeline was brush cleaned and was dried to -70 degrees Celsius dew point.

Companies who intend to respond to this EOI must have demonstrated experience in running in-line inspection tools in long distance, abrasive pipelines. In addition, respondents will be required to have test capabilities/facilities to prove and demonstrate the wear properties on the tool cups which will be selected for use in the Deep Panuke gas export pipeline.

The basis of this EOI is to identify companies with extensive experience in the provision of equipment and personnel to perform an in-line inspection of the 22-inch gas export pipeline. The in-line inspection services will comprise the running of in-line inspection tools capable of:

- Internal measurement and cleaning of the pipeline;
- Inertial mapping, caliper and magnetic flux leakage (MFL) inspection tools.

The scope will also include the analysis and reporting of the collected information.

The in-line inspection tools will be launched from the offshore Deep Panuke PFC and received at the onshore pig receiver located in Goldboro, NS.

### **Requirements**

Respondents to this EOI are advised that the Work carried out on Deep Panuke shall comply fully with Canada Nova Scotia Offshore Petroleum Board Regulations. Respondents must have a significant working knowledge and experience in working within an effective Permit-to-Work system and associated work procedures and practices.

Respondents are required to have an implemented Quality Management System that complies with the requirements of the ISO-9000 series of Standards (or equivalent) and a Safety Management System(s).

Respondents must be able to demonstrate that the proposed services are suitable for the requirements outlined for Deep Panuke and furthermore must demonstrate previous experience on similar projects, particularly on dry sales gas pipelines (with no liquids).

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. 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 as a result of this call for Expression of Interest. Respondents that qualify will be invited to participate in the event proposals are solicited.

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, and must provide the following:

- Proposed in-line inspection tools and capabilities in wall thicknesses ranging from 14.3mm to 22.2mm;
- Reporting capabilities;

- Previous experience with in-line tool inspection of long distance dry gas pipelines which have abrasive pipe properties, particularly those which operate without liquids;
- Details of test facilities/capabilities for testing cup wear;
- Confirmation of having a Quality and HSE management system.

Expressions of Interest must be received on or before **November 21, 2014 1:00 PM Atlantic time**. All inquires and Expression of Interest must be clearly marked with the EOI reference number and should be directed to:

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