

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

**SUPPLY OF PIPELINE COATING**

**BIDS Category:** 6610, 6620  
**Reference:** EOI P2007026PK  
**Issue Date:** March 30<sup>th</sup>, 2007  
**Closing Date:** April 20<sup>th</sup>, 2007

**GENERAL**

EnCana Corporation is proposing to develop its Deep Panuke gas prospect located offshore Nova Scotia. The Project Mobile Offshore Production Unit (MOPU), which will contain all of the main facilities, will be located approximately 250 km southeast of Halifax, approximately 47 km west of Sable Island and in 44 metres water depth. Development of the Project is subject to regulatory approval and EnCana Corporation project sanction.

The Deep Panuke Project will generate important activity and provide significant opportunities within Nova Scotia and Canada. In recognition of this, EnCana Corporation is committed to using and encouraging capable and competitive Nova Scotian and Canadian companies for the provision of the high quality goods and services required in these activities.

The Project MOPU will be capable of producing  $8.5 \times 10^6$  m<sup>3</sup>/day (300 MMscfd) of natural gas from an initial five (5) subsea wells. Each subsea well will have its own dedicated flowline and umbilical. The Deep Panuke reservoir fluids contain H<sub>2</sub>S and CO<sub>2</sub> which will be removed from the fluid stream during processing on the MOPU and disposed of into a dedicated subsea acid gas injection well. The sales ready product will be exported from the MOPU via an export pipeline.

**SCOPE OF WORK**

EnCana wishes to identify qualified companies for the supply of export pipeline coating systems including FBE corrosion protection coating, concrete weight coating, and anode installation. The pipeline system is approximately 176 kilometres in length with 3km onshore and 173 offshore.

The line pipe will be procured by EnCana as carbon steel, submerged arc welded longitudinal seam (SAWL 450) pipe and will be 559mm (22") diameter with wall thickness ranging from 13.9mm to 16mm.

The offshore line pipe will be comprised of straight line pipe and bend line pipe sections with segments of the offshore line pipe fitted with buckle arrestors that may be either fabricated as thick wall pipe joints or flange type arrestors. The minimum radius of curvature for the bend line pipe is 5D.

The offshore line pipe shall be coated with a fusion bonded epoxy (FBE) coat with thickness 475µm with a surface "Rough-coat" or similar anti slip coat suitable for the over application of concrete weight coating. The line pipe will then be coated with concrete weight coat having a

density of at least 3100kg/m<sup>3</sup> and coating thicknesses ranging from 45mm to 110mm. Bracelet type sacrificial anodes will be used for cathodic protection (sizing to be determined).

The onshore line pipe will be comprised of straight line pipe and 5D bends. The onshore line pipe shall be coated with a fusion bonded epoxy (FBE) coating system with thickness 475µm. The onshore line pipe will not be concrete coated.

The minimum requirements of both the FBE coating system and the concrete coating system shall be governed by the project specifications. Contractor shall develop detailed procedures and method statements for all personnel, material and equipment associated with the provision of FBE, installation of anodes and concrete weight coating of line pipe. This shall include but not be limited to preparation, application, inspection, testing and repair. All procedures and method statements will be open to review and approval by EnCana prior to the performance of WORK. The line pipe material will be free issued to the Contractor. The Contractor is responsible for load-in, handling and load-out of the line pipe.

EnCana wishes to identify qualified companies interested in the application of the concrete weight coating, as well as, if appropriate and required by EnCana, application of FBE coating and installation of the bracelet anodes.

As part of EnCana's commitments to Nova Scotia, EnCana signed an Offshore Strategic Energy Agreement (OSEA) with the Province of Nova Scotia. Through the OSEA, EnCana has agreed to perform receiving, handling, double jointing, coating and shipping activities, with respect to the 22" Export Pipeline in Nova Scotia. Interested companies should clearly indicate their ability to perform the Scope of Work in Nova Scotia.

## **PROJECT SCHEDULE**

A Request for Quotation will be issued in June 2007. It is anticipated the Contract will be awarded following project sanction, which is anticipated 3<sup>rd</sup>/4<sup>th</sup> quarter 2007.

## **GENERAL REQUIREMENTS**

EOI respondents are required to have an implemented Quality Management System that complies with the requirement of the ISO-9000 series of Standards and Safety Management System(s). Respondents are also notified that the Work carried out on the Deep Panuke Project shall comply fully with Canada Nova Scotia Offshore Petroleum Board Regulations.

Respondents must submit a brief Company profile, contact details, key personnel and a summary of related experience including local Nova Scotia capabilities.

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. 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.

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 BIDS Nova Scotia at the 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 BIDS Nova Scotia's website.

EnCana is under no obligation to proceed with a Request for Proposal as a result of this call for Expressions of Interest. Only those respondents deemed acceptable by EnCana will be invited to participate in the event Proposals are solicited.

Expressions of Interest must be received on or before **Friday, April 20<sup>th</sup>, 2007, 1:00 PM** Atlantic time.

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

Ted Russell  
Contract Procurement Specialist  
EnCana Corporation  
Deep Panuke Project  
Suite 700, Founders Square  
Halifax, NS  
B3J 3M8  
Fax: 902-425-2766  
ted.russell@encana.com

IN ADDITION:  
POTENTIAL SUPPLIERS FOR THIS PROJECT, IF THEY HAVE NOT ALREADY DONE SO,  
MUST REGISTER THEIR COMPANIES BY CONTACTING BIDS NOVA SCOTIA AT:

Phone: 902-462-4824  
1-800-397-0393  
Email: bids@istar.ca