



## **EXPRESSION OF INTEREST (EOI) Diving Safety Specialist Services**

BIDS Category: 9325  
Reference: EN36  
Issue Date: 17 March 2009  
Closing Date: 31 March 2009

### **Introduction**

EnCana Corporation is developing the Deep Panuke natural gas project in Nova Scotia's offshore. The project involves the installation of the facilities required to produce natural gas from the Deep Panuke field, located approximately 175 kilometres offshore Nova Scotia. Produced gas will be transported by subsea pipeline to Goldboro, N.S., where it will be transported via the Maritimes & Northeast Pipeline (M&NP) to market. First gas from the project is expected in 2010.

EnCana is a leading North American unconventional natural gas and integrated oil company. EnCana common shares trade on the Toronto and New York stock exchanges under the symbol ECA. For more information on EnCana, see [www.encana.com](http://www.encana.com).

### **Project Quick Facts**

- The project was approved for development by EnCana's Board of Directors in October 2007.
- EnCana has entered into an agreement with Single Buoy Moorings Inc. (SBM) for the provision and operation of the Deep Panuke production field centre.
- The design capacity of the project is 300 MMcf/d of sales-quality gas.
- Regulatory applications for Deep Panuke were filed in 2006, with approvals granted in 2007.

### **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 contractors to provide diving safety specialist services on an as required basis with respect to the planned diving programs that will be undertaken in connection with the Deep Panuke Project subsea works. Planned diving programs comprise the following:

Sept./Oct. 2009: Installation of a mid-line tie-in spool for the 22" dia. Gas Export Pipeline (GEP).  
Aug./Oct. 2010: Offshore subsea installation work, including the following:

- Installation of tie-in spools between the 8" dia. flowlines and the PFC;
- Installation of tie-in spools between the 8" dia. flowlines and the Subsea trees;
- Pull-in of the umbilicals at the PFC J-tubes (or I-tubes);
- Connection of the umbilicals and flying leads to the Subsea trees;

- Installation of the 22" dia. GEP SSIV skid;
- Installation of the tie-in spools between 22" GEP SSIV and PFC riser.

The Diving Safety Specialist will be required to:

- Become familiar with the EnCana subsea work program requirements.
- Approve the Dive Program(s) and work procedures.
- Participate in Hazard Identification and Risk Assessments.
- Ensure the Dive Program(s) is conducted in compliance with the NS Offshore Area Petroleum Diving Regulations.
- In general, act on behalf of EnCana Corporation as the Diving Safety Specialist, in accordance with the NS Offshore Area Petroleum Diving Regulations.

The nominated Diving Safety Specialist shall have the following qualifications and competencies:

- Minimum of 10-15 years offshore experience as Surface/Saturation Diver/Diving Supervisor.
- Be familiar with surface diving and saturation diving equipment, set up, operation, testing and emergency procedures.
- Be familiar with diving operations from a DPDSV.
- Be familiar with IMCA guidelines regarding diving operations and audits of diving systems and equipment.
- Responsible for diving operational safety.
- Be familiar with government regulations and industry best and safe practices.
- Be familiar with equipment audit procedures and maintenance requirements.
- Be competent to participate in Risk Assessments for diving operations.
- Have an understanding of the Physics and Physiology of Diving.
- Be familiar with incident and injury investigation and Root Cause Analysis.
- Have attended formal risk assessment training.
- Have competence and training in, where necessary, industry HSE processes/practices.
- Be knowledgeable in relevant and appropriate discipline legislation and industry guidance.
- Be knowledgeable in mechanical and physiological aspects of diving.

The Diving Safety Specialist shall be responsible for diving operational safety. This shall include responsibility for the following:

- Ensuring that the diving contractor, its staff and subcontractors have received adequate instruction, familiarization and training in national or applicable regulations, policies, procedures and any special or unusual hazards.
- Ensuring contractor awareness, comprehension and compliance with international and local legislative requirements; contractor policies, practices and procedures; marine procedures; local rules and Emergency procedures and preparedness.
- Having knowledge of worksite hazards, communications, local working practices, logistics and emergency procedures.
- Ensuring contractor and worksite management have received and reviewed the workscope and the project bridging document.
- Ensuring that all emergencies, accidents, incidents and uncontrolled events are reported and investigated as appropriate.
- Acting as member focus during any emergency and completing all necessary reports.

During diving operations, the Diving Safety Specialist shall be responsible for the following:

- Ensuring that the work is performed in accordance with approved procedures.
- Ensuring regular communication is maintained with key personnel.
- Ensuring that adequate records and logs of events are maintained.
- Reporting of job progress and operational issues is made to the relevant personnel both onshore and offshore.
- Facilitating issue and acceptance of permits to work under a Permit to Work System.

It is anticipated that the Work will be awarded in May of 2009.

Interested firms are requested to demonstrate their capabilities and experience via a formal response to this EOI.

**Information Requested with EOI response**

Respondents are notified that the Work carried out on the Deep Panuke Project shall comply fully with Canada Nova Scotia Offshore Petroleum Board Regulations.

Respondents must be qualified and demonstrate that they have suitable resources, capability and capacity to complete the scope of work. They must also be able to demonstrate previous experience on similar projects. In particular, respondents shall provide the following:

**Corporate & Financial Capability**

Company name and home office/registered office address;  
Company corporate status (i.e. autonomous unit, subsidiary, partnership or joint venture);  
List of any partnership / joint venture member names and addresses (if applicable);  
List of Company's officers and directors;  
Name and address of Company's ultimate parent company or controlling shareholder (if applicable);  
Copy of Company's audited financial statements for the most recent fiscal year ended.

**Technical Capability**

**Capability**

Please describe your firm's capability to perform the work scope, including company profile, office locations and personnel resources.

**Previous Experience**

Please provide a list of similar projects successfully executed in the last 5 years and those currently under execution. For each project listed, describe the scope of work, name of client, date of award and completion and approximate value.

**Nominated Diving Safety Specialist Qualifications**

Respondents shall nominate the diving specialist to be assigned to the work and provide evidence of the required qualifications and competencies as outlined in the Scope of Work above.

**Availability**

Respondents shall confirm their availability to undertake diving safety specialist services, on an as required basis, for the Deep Panuke Project during the period of May 2009 to October of 2010. A list of existing and pending commitments during the above noted period shall be provided.

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 such as BIDS Nova Scotia. 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 Expressions of Interest. Respondents that qualify will be invited to participate in the event Proposals are solicited.

In accordance with the commitments made by EnCana, priority will be given to companies who can demonstrate the capability to complete the scope of work in Nova Scotia on a competitive basis, meeting or exceeding EnCana's requirements for safety, quality, technical suitability, reliability, delivery and environmental standards. 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.

Expressions of Interest must be received on or before **31 March 2009 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:

Clarence Hewitt  
Contracts Specialist  
EnCana Corporation  
Suite 700 - 1701 Hollis Street  
Halifax, NS B3J 3M8  
Tel: 902-492-5435  
Fax: 902-425-2766  
Email: [clarence.hewitt@encana.com](mailto:clarence.hewitt@encana.com)

**EnCana Corporation**  
Deep Panuke Offshore Gas Development Project  
**East Coast Office:**  
Suite 700 Founders Square  
Halifax, NS, B3J 3M8

Phone: (902) 422-4500  
Fax: (902) 425-2766