



Deep Panuke

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REVISION LIST	
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1 INTRODUCTION

1.1 Description

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 markets in Eastern Canada and the northeastern United States. First gas from the project is expected in 2010.

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, full and fair opportunity for Nova Scotians and Canadians, and first consideration to Nova Scotians where competitive on a best value basis.

1.2 Scope

EnCana is seeking to pre-qualify experienced contractors for the purpose of coordinating and providing quality inspection services. These services may include, but are not limited to, the following:

- a) plant surveys;
- b) pre-production meetings;
- c) in process inspections;
- d) progress meetings;
- e) preparation of surveillance procedures;
- f) quality audits;
- g) document reviews;
- h) interface verification;
- i) final inspection and testing;
- j) coating inspection;
- k) non-destructive examination;



- l) laboratory testing;
- m) concrete inspection;
- n) criticality assessments;
- o) baseline surveys;
- p) support development of:
 - i) project surveillance plans
 - ii) inspection strategies
 - iii) surveillance procedures and
 - iv) reviews of project inspection and test plans;
- q) Provision of procedures, surveillance and inspections reports.

CONTRACTOR will be required to provide qualified and competent inspection personnel, including coordination support.

The above work scope is anticipated to cover the locations and timelines as listed in Attachment C.

To provide these services, CONTRACTOR shall have experienced personnel to perform all aspects of the WORK. The CONTRACTOR shall have demonstrated capability in the execution and completion of such projects in a timely and cost effective manner.

2 INSTRUCTIONS

Respondents shall complete and submit this prequalification questionnaire in full. In some cases supplementary information is requested to support the answers. A "Contents List", that clearly details the documents that are included in support of the submission, shall be provided. Any answers, which refer to respondents' documents that are included to support the questionnaire, should specify the page(s)/section(s) containing the information. The page(s)/section(s) referenced should be marked to indicate the section to which it refers. Separate sheets, as necessary, should be used to provide additional information.

Respondents are advised that the information requested in the questionnaire are minimum requirements, sufficient for the EOI. For those companies invited to bid, additional detailed information will be requested by EnCana at the Request for Proposal stage to adequately assess bidder's capability to perform the work.

This questionnaire completed by:

Type or print name: _____ **Signature:** _____

Title: _____ **Date:** _____



3 CORPORATE & FINANCIAL CAPABILITY

3.1 Company Name and Offices

Name: _____

Home Office Address: _____

Telephone: _____ Fax: _____

Email: _____

Website: _____

Office Address: _____

Registered Office Address: _____

(If different than above) _____

Telephone: _____ Fax: _____

3.2 Company's Corporate Status

Autonomous Unit _____ Subsidiary _____

Partnership _____ Joint Venture _____

List Partnership / Joint Venture members related to this EOI

Name: _____

Address: _____

Name: _____

Address: _____

Name: _____

Address: _____



3.3 Company's officers and directors

Name: _____

Title: _____

Name: _____

Title: _____

Name: _____

Title: _____

3.4 Company's ultimate parent company or controlling shareholder

Name: _____

Address: _____

3.5 Company's Financial Capability

Respondent shall provide a copy of its audited financial statements for the most recent fiscal year ended.

4 TECHNICAL CAPABILITY

4.1 Previous Experience

a) List previous relevant projects that have been completed in the last five years. For each project listed, describe the scope of work, name of client and date of award.

b) List and provide details for current projects.



4.2 Capability /Availability

Respondents shall indicate their capability to perform the Scope of Work by completion of Attachment C, circling each "X" as applicable and provide the following detailed information.

1. Respondent shall confirm its availability to perform the work
2. Description of Contractors ability to complete inspection services as listed in the scope of work.
3. Matrix of proposed and qualified inspection personnel for known locations and timelines as indicated in Attachment C including:
 - a. Inspectors proposed;
 - b. Inspectors' qualifications and certifications and;
4. Description of electronic reporting and inspection tracking system;

4.3 Subcontractors

Respondent shall identify all activities that will be subcontracted.



5. QA/QC QUESTIONNAIRE

Please respond to the following questions. A follow-up QA/QC assessment or audit may be conducted as part of the tendering process. Please attach the relevant documentation, where specified.

No.	Question	Yes/No/NA	Documentation to be submitted
Quality Management System			
General Requirements			
1	Has bidder established, documented, implemented and maintained a quality management system in accordance with the requirements of ISO 9001?		Registration certificate for ISO 9001 for Contractor and each subcontractor involved in the work
Quality Manual			
2	Has a quality manual been established and maintained that includes: a) The scope of the quality management system, including details of, and justification for any exclusions b) Documented procedures established for the quality management system, or reference to them? c) Description of the interaction between the processes of the quality management system?		Copy of Quality Manual for Contractor and each subcontractor involved in the work
Certification and Affiliations			
3	Are there recognized company certifications or affiliations Contractor may have in place?		Provide certifications and or list



6. ENVIRONMENT, HEALTH AND SAFETY QUESTIONNAIRE

Please respond to the following questions. A follow-up EHS assessment or audit may be conducted as part of the tendering process. Please attach the relevant documentation, where specified.

No.	Item	Status Yes/No/N.A.	Documentation / Information to be submitted
1. MANAGEMENT INVOLVEMENT AND LEADERSHIP			
1.1	Do you have a written EHS Policy ?		Copy of policy
1.2	Do you have an EHS Management System to implement the policy?		Copy of EHS Management System Manual Table of Contents
1.3	Do you have an EHS Organizational Structure to administer and implement the management system?		Copy of organisation chart
1.4	Are EHS Performance Objectives established and measured for your organization and personnel?		
1.5	Does your company have a CONTRACTOR Safety Program to assess the suitability, competence and performance of sub-contractors?		Provide details
2. HAZARD IDENTIFICATION AND RISK CONTROL			
2.1	Do you conduct formal Risk Assessments when planning and implementing operations/activities?		Provide details of risk management system, including risk tolerance levels and criteria used for assessing probabilities and consequences.
2.2	Has a formal Hazard Observation Program been implemented at your worksite, such as the Dupont STOP card system or equivalent?		Provide general description of program.
2.3	Do you have a formal EHS Inspection & Audit Program ?		Provide general description of program.
2.4	Do you have a Management of Change Program or procedure ?		
2.5	Does your organisation have a Quality Assurance Program for the procurement, test and certification of safety-critical equipment,		Provide general description of program.



No.	Item	Status Yes/No/N.A.	Documentation / Information to be submitted
	materials, and services to be used on the project?		
3. RULES & WORK PROCEDURES			
3.1	Do you have documented Standard Operating Practices/Procedures for all jobs/work activities?		Provide table of contents for SOPs available.
3.2	Do you have a Safe Work Permit System to control all hazardous and non-routine activities and operations?		
3.3	Does your Emergency Response Plan (ERP) conform to a recognized standard such as CSA Z731 (<i>Emergency Planning for Industry</i>) or equivalent?		
3.4	Do you have an Alcohol and Drug Policy/Program that complies with Canadian legal requirements?		Provide copy of policy and procedure
4. TRAINING			
4.1	Do you have a Training and Competency Assurance Program ?		Provide general description of program.
4.2	Is there a formal Safety Orientation Program ?		
5. COMMUNICATION			
5.1	Do you have a formal Documentation Management System ?		Provide general description of the system.
6. INCIDENT REPORTING & INVESTIGATION			
6.1	Is a formal Accident/Incident Reporting and Investigation Program in place?		Provide general description of program.
6.2	Has your organisation been subject to any regulatory citations , investigations, fines or penalties by a government safety or		Specific details of incident(s) describing the infringement, date of



No.	Item	Status Yes/No/N.A.	Documentation / Information to be submitted
	environmental agency during the past 3 years?		occurrence, nature of penalty, and corrective measures taken.

Notes:

1. Please provide information on any other EHS programs or initiatives not covered above.
2. Complete and submit all information requested in a separate binder
3. Complete and submit Attachments A and B.



Attachment A

EnCana CONTRACTOR

Environment, Health & Safety (EHS) Program

Pre-Certification Evaluation Information

CONTRACTOR Information

Company Name: _____

Division/District: _____

Address: _____

Telephone Number: _____ Type of Work Performed: _____

Name of Division/District Manager: _____

Name of 24/7 Emergency Response contact person and telephone/fax numbers:

Employee/person Hours

Please complete the average number of employees and estimated person-hours for the last three (3) years:

	<u>2005</u>	<u>2006</u>	<u>2007</u>
Number of Employees	_____	_____	_____
Person-Hours	_____	_____	_____

Occupational Injury/Illness Experience

Please list the occupational injury/illness experience for the last three (3) years for the Company/Division/District shown above:



	2005	2006	2007
Number of Fatalities			
Number of Lost Time Injuries			
Number of Restricted Work Cases			
Number of Medical Aid Injuries			
Number of First Aid Injuries			
Number of Lost Work Days to Injury			
Number of Near Miss Reports			

Note: The Employee/Person Hours and the Occupational Injury/illness Experience are to include the hours and experience of all contractors and subcontractors while working directly for Respondent on various Projects; not just Respondent direct employee information. If this data is kept in other formats, such formats will be reviewed for acceptability.



Attachment B

EnCana CONTRACTOR

Environment, Health & Safety (EHS) Program

Pre-Certification Evaluation Information

Worker's Compensation

Please provide the Worker's Compensation Insurance Experience Rating for the Company Division/District shown above. If the population of employees upon which this rate is based is different from that upon which the Person-Hours and Injury/ Illness statistics are based, please describe the difference.

WCB Registration Number: _____

	<u>2005</u>	<u>2006</u>	<u>2007</u>
Rating (\$/\$100 payroll)	_____	_____	_____

Environmental/Safety (Regulatory) Compliance

List the following information on any violations, citations or incidents of non-compliance experience during the last three (3) years. Warnings or contested violations later dismissed are excluded.

	<u>2005</u>	<u>2006</u>	<u>2007</u>
Number of violations, citations or incidents:	_____	_____	_____
Number of agency Inspections conducted:	_____	_____	_____
Amount of fines incurred:	_____	_____	_____
List of agencies performing inspection:	_____	_____	_____

Note: The Regulatory Compliance information is to include violations, citations and/or EHS incidents of all contractors and subcontractors while working directly for Respondent on various Projects; not just those directly attributed to Respondent. If this data is kept in other formats, such formats will be reviewed for acceptability.

Attachment C: CONTRACTOR CAPABILITY

				Plant Surveys	Pre-Production Meetings	In Process Inspection	Progress Meetings	Preparation Of Surveillance Procedures	Quality Audits	Document Reviews	Interface Verifications	Final Inspection And Testing	Quality Audits	Coating Inspections	NDE	Lab Testing	Concrete Inspections	Criticality Assessments	Baseline Surveys
	Item	Location	Approximate Timing																
1.	Manufacture of 176 km of 22-inch line pipe	Taranto, Italy	Q1 - Q4 2008	X	X	X	X	X	X	X	X	X	X	X	X				X
2.	Concrete Weight Coating of 173 km of 22-inch line pipe	Nova Scotia	Q2 2008 to Q3 2009	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
3.	Installation of 173 km of 22-inch of Gas Export Pipeline	Offshore Nova Scotia	Q2-Q3 2009	X	X	X	X	X	X	X	X	X	X	X	X				X
4.	Manufacture Subsea Trees and Well Heads	TBD	Q3 2008 to Q2 2009	X	X	X	X	X	X	X	X	X	X	X	X				X
5.	Installation of Subsea Trees and Well Heads	Offshore Nova Scotia	Q2-Q3 2009	X	X	X	X	X	X	X	X	X	X		X				
6.	Fabrication of Subsea Protection Structures	Nova Scotia	Q4 2008 to Q2 2009	X	X	X	X	X	X	X	X	X	X	X	X				X
7.	Installation of Subsea Protection Structures	Offshore Nova Scotia	Q2-Q3 2009	X	X	X	X	X	X	X	X	X	X		X				
8.	Manufacture Umbilicals and Flowlines	TBD	Q2 -2009 to Q2 2010	X	X	X	X	X	X	X	X	X	X	X	X				X
9.	Installation of Umbilicals and Flowlines	Offshore Nova Scotia	Q2 - Q3 2010	X	X	X	X	X	X	X	X	X	X		X				
10.	Fabrication and Integration of Platform Field Center	TBD	Q2 2008 to Q1 2010	X	X	X	X	X	X	X	X	X	X	X	X				X
11.	Fabrication of Platform Field Center Accommodation Block and Flare Tower Fabrication	Nova Scotia	Q3 2008 to Q4 2009	X	X	X	X	X	X	X	X	X	X	X	X				
12.	Materials and Equipment for Platform Field Center	TBD	Q1 2008 to Q4 2009	X	X	X	X	X	X	X	X	X	X	X	X			X	X
13.	Installation, Hook-up and Commissioning of Platform Field Center	Offshore Nova Scotia	Q3-Q4 2010	X	X	X	X	X	X	X	X	X	X	X	X				
14.	Drilling Equipment such as: Tubing Hanger, Casing Hangers & Associated Seals & Packoffs, OCTG, Cementing Eq. - Float Shoes / Float Collars, Polished Bore Receptacles (PBRs), Production Packers, Completion Jewelry - Landing Nipples , Flow/Debris Subs , X/Os , Pup Jts. , etc. and Handling Eq. for all of above	TBD	TBD	X	X	X	X	X	X	X	X	X	X		X				X