



# Deep Panuke

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| <b>Title</b>  |             |                         |                 |                |                |                 |
| EOI FC02 - PFC Pig Launcher/Receiver Prequalification Questionnaire |             |                         |                 |                |                |                 |
|   |             |                         | <b>DM</b>       | <b>EN</b>      | <b>PQ</b>      | <b>ME</b>       |
|   |             |                         | Project         | Originator     | Info. Category | Disc            |
|   |             |                         |                 |                | <b>0001</b>    | <b>01U</b>      |
|   |             |                         |                 |                | Sheet          | Rev             |



| REVISION LIST |                        |
|---------------|------------------------|
| REVISION      | DESCRIPTION OF CHANGES |
| 01U           | Issued for Use         |
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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. Natural gas from Deep Panuke will be processed offshore and transported, via subsea pipeline, to Goldboro, Nova Scotia for further transport to market via the Maritimes & Northeast Pipeline.

The Project involves production and processing of gas offshore and transport, via subsea pipeline, of market-ready gas to Goldboro, Nova Scotia to an interconnection with the M&NP main transmission pipeline for further transport to markets in Canada and the northeast United States.

### **1.2 Scope**

EnCana is seeking to pre-qualify experienced companies for the supply of one NPS 24 Pig Launcher/Receiver Skid Package required for the Deep Panuke PFC Gas Export Pipeline.

To provide this product, Supplier must be qualified and demonstrate that they have suitable processes and capability to manufacture the skid within the Project Schedule dates outlined in the Expression of Interest. They must also be able to demonstrate previous experience on similar size projects.

## **2 INSTRUCTIONS**

Respondents shall complete and submit the Prequalification Questionnaire, including Appendix A attached hereto.

Respondents shall provide information as instructed in the Questionnaire. 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.



### 3 CORPORATE & FINANCIAL CAPABILITY

#### 3.1 Company Name and Offices

Name: \_\_\_\_\_

Home Office Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Nova Scotian Office Address: \_\_\_\_\_  
(If relevant and if different than above)

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

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

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 Manufacturing Facility Location**

Provide name, location, and details of the proposed manufacturing facilities that would be used to produce the Pig Launcher/Receiver skid specified.

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##### **4.2 Previous Experience**

Provide details on past experience with supply of similar size Pig Launcher/Receiver skids complete with the comprehensive documentation requirements of projects offshore Eastern Canada. List project details, i.e. sizes, quantities, design codes, dates, etc.

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##### **4.3 Capability**

Clarify or confirm manufacturing facility capacity and current availability to complete the design, fabrication, testing, and shipment preparation, of the Pig Launcher/Receiver skid during 2009.

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##### **4.4 Material Certification**

Clarify or confirm ability to manufacture pressure vessels, piping, valves, etc., in accordance with EN 10204 Type 3.1 material certification.

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##### **4.5 Sub-Suppliers**

Provide details of your anticipated suppliers of raw material for the various skid components, and specifically identify the pig closure supplier, and any other long-lead components.

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**4.6 Coating Systems**

Clarify or confirm ability to apply a coating system suitable for a saliferous, frequently foggy, offshore environment. Please discuss or attach relevant information.

**4.7 Material Test Reports**

During the manufacturing process, when are Material Test Reports available for client review?

**4.8 Equipment Documentation**

Clarify or confirm that the documentation review cycle between your company and the client will allow applicable design, quality, and project interface checks to be completed during the procurement cycle. Please attach a typical documentation/drawing list that your company normally provides clients (e.g.: list of schedules, drawings, datasheets, calculations, procedures, reports, certificates, etc.).

**4.9 Miscellaneous**

Please provide any additional information that will clarify or supplement the above technical questions.

This questionnaire completed by:

Type or print name: \_\_\_\_\_ Signature: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_





## **APPENDIX A - QA/QC QUESTIONNAIRE**

### Appendix A - QA/QC Questionnaire

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

| No.                              | Question   | Yes/No/NA | Documentation to be submitted               |
|----------------------------------|--|-----------|---|
| <b>Quality Management System</b> |  |           |   |
|                                  | <b>General Requirements</b>  |           |   |
| 1                                | Has bidder established, documented, implemented and maintained a quality management system in accordance with the requirements of ISO 9001?  |           | Copy of QMS and ISO 9001 certificate        |
|                                  | <b>Quality Manual</b>  |           |   |
| 2                                | Has a quality manual been established and maintained that includes:<br>a) The scope of the quality management system, including details of, and justification for any exclusions<br>b) Documented procedures established for the quality management system, or reference to them?<br>c) Description of the interaction between the processes of the quality management system? |           | Copy of Quality Manual<br>Table of Contents |