



## DEEP PANUKE

### EXPRESSION OF INTEREST (EOI): CHEMICAL SERVICES

**Bids Category:** 9700, 9424, 9830

**Package Number:** SBM NS 31 – Chemical Services

**Issue Date:** 11 June 2015

**Closing Date:** 30 June 2015

### GENERAL

**SBM Nova Scotia Contractors Inc.** (SBM NS) operates the Production Field Centre (PFC) for the Deep Panuke field on behalf of Encana Corporation.

The PFC, which contains all of the main natural gas processing facilities, is located approximately 250 km southeast of Halifax, Nova Scotia, Canada approximately 47 km west of Sable Island and in approximately 44 metres water depth.

The PFC is capable of producing up to 8.5 x 10<sup>6</sup> m<sup>3</sup>/day (300 MMscfd) of natural gas from subsea wells. H<sub>2</sub>S and CO<sub>2</sub> are removed from the fluid stream during processing with market ready gas exported to shore via a subsea pipeline. An interconnection with the Maritimes and Northeast Pipeline (M&NP) system transports the gas to markets in Canada and the United States.

SBM NS 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.

More details about SBM NS are available on [www.sbmdeeppanuke.com](http://www.sbmdeeppanuke.com) website. More information on Deep Panuke is available at [www.encana.com/deeppanuke](http://www.encana.com/deeppanuke)

### SCOPE OF WORK

#### Chemical Services

SBM NS is seeking qualified companies for the provision of Chemical Services for its Deep Panuke Production Field Center (PFC). Respondents should provide information to show their ability to provide:

- Operation Chemicals that are suitable for operational use offshore Nova Scotia throughout the year.
- The following are the expected main chemicals and their operational uses, there may be other chemical required on an as-needed basis:
  - Deoiler /Water Clarifier - Injection into the Produced Water System
  - Scale Inhibitor – Topsides and Subsea facilities
  - Triethylene Glycol - Gas Dehydration system
  - Monoethylene Glycol - Use in Heating and Cooling Medium circuits
  - Methanol - Required as a means to mitigate hydrate blockages

- Methyl di ethanol amine with additive to accommodate plant processing capacity
- Ecofriendly biocide (meeting the discharge requirements for offshore Nova Scotia) for treatment of open drain water
- Acid for topsides cleaning of produced water facilities (calcite precipitation)
- Tote and Chemical Stock Management and Transportation
- Daily operations (including inventory management) and laboratory technical services typical of this type of operation to ensure that there is optimum chemical usage and availability to support the Company requirements on the Deep Panuke Project. Laboratory Technicians shall be qualified and experienced in the performance of Gas analysis duties, including, but not limited to:
  - Natural Gas and condensate analysis (Using GC and dragger tubes)
  - Amine analysis
  - Produced water analysis
  - Triethylene Glycol analysis
  - Other chemical analysis like chloride in water etc.

## PROJECT SCHEDULE

A Request for Proposal (RFP) together with relevant specifications will be issued to a list of Bidders chosen from the responses to this EOI. Issue of the RFP and award of contract are expected by Q3 2015.

## EXPRESSION OF INTEREST REQUIREMENTS

EOI respondents are required to have the following implemented (i) Documented Quality Management System and (ii) Documented Safety Management System that complies with their respective national HSE regulation requirements. Respondents are also advised that the Work carried out on Deep Panuke shall comply fully with Canada Nova Scotia Offshore Petroleum Board Regulations.

Interested firms are requested to demonstrate their capabilities and previous experience on similar size projects via a formal response to this EOI and the Prequalification Questionnaire, which are to be obtained from BIDS at the address provided below.

SBM NS will select qualified bidders using the respondents to this EOI as a guide.

Pre-qualified companies will be required to complete a Canada–Nova Scotia Benefits Questionnaire, and demonstrate their commitment to and compliance with SBM requirements regarding Canada–Nova Scotia Benefits, during the tender process.

Expressions of Interest must be received on or before **June 30, 2015, 4:00pm AST**.

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

**SBM Nova Scotia Contractors Inc.**  
 250 Baker Drive, Unit 222  
 Dartmouth, NS B2W 6L4  
 Attention: Michele Beaton, Procurement  
 Email: [nsbid@sbmoffshore.com](mailto:nsbid@sbmoffshore.com)

### **IN ADDITION:**

**POTENTIAL SUPPLIERS FOR THIS PROJECT, IF THEY HAVE NOT ALREADY DONE SO, ARE RECOMMENDED TO REGISTER THEIR COMPANIES BY CONTACTING BIDS AT:**

Phone: 1-800-397-0393

Email: [accounts@bids.ca](mailto:accounts@bids.ca)