



EXPRESSION OF INTEREST (EOI)

Onshore Facilities Cathodic Protection Commissioning Survey

PROVISION OF: Onshore Facilities Cathodic Protection Commissioning Survey
BIDS Category: 9100; 9170
Reference: EOI PL22
Issue Date: October 20, 2010
Closing Date: November 03, 2010 1:00 pm (Halifax local time)

Introduction

Encana Corporation is the owner and operator of 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 (M&NP). Encana is an innovative natural gas producer that safely and responsibly provides the energy used in communities across Canada and the United States. 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.

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 companies to conduct a commissioning survey of the Cathodic Protection (CP) system for the onshore Element 3 Gas Export Pipeline and associated facilities at Goldboro, NS. The facilities which are protected by the CP system consist primarily of the onshore buried sections of NPS 22" Gas Export Pipeline (GEP), complete with beach valve, from the landfall point (KP0) to the tie-in point at the M&NP export pipeline facility. The pipeline is also protected from external corrosion by a fusion bonded epoxy coating. The distance from pipeline landfall to the pipeline terminus facility is approximately 2.8 km. An impressed current cathodic protection system (ICCP) has been installed at the pipeline terminus facility, complete with rectifier and anode bed. The ICCP system has not yet been commissioned. The duration for the scope of work shall be inclusive of both field and reporting time. It is anticipated that the field scope of work can be completed by one individual (with possibly a second part-time technician) to undertake the following:

- Visual inspection of rectifier internals complete with electrical continuity checks (AC in / DC out) and voltage/amperage output verification
- Adjustment of rectifier coarse / fine taps as required
- Interrupted current (instant off) polarization potential measurements
- Structure-to-soil potential measurements
- DC stray current testing, including nearby buried structures such as the M&NP pipeline

- Electrical isolation tests, including verification of the integrity of isolation kits at the M&NP interface
- Electrical continuity checks on all cable leads
- Road casing isolation testing
- Soil resistivity testing
- Inspect and verify CP Fink heads
- Current attenuation measurements
- Verification of anode bed functionality
- Adjustments to fine tune the energized system as required to ensure full cathodic protection coverage
- Reporting of all findings; recommendations for follow-up work.

Materials and equipment required for above include, but are not limited to, the following:

- Fluke meters
- On/Off current interrupters
- Four point Wenner Pin assembly for soil resistivity
- Half cells / soil resistivity cells

Requirements

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

Respondents must have a significant working knowledge and experience in working within an effective permit to work system and associated work procedures and practices.

EOI respondents are required to have an implemented Quality Management System that complies with the requirements of the ISO-9000 series of Standards (or equivalent) and Safety Management System(s).

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 Expression of Interest. Respondents that qualify will be invited to participate in the event proposals are solicited.

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

Expressions of Interest must be received on or before November 3, 2010 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:

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