

EXPRESSION OF INTEREST

Design, supply, install, test, commission, and maintain an H2S Detection and Protection System and Provision of NORM detection Services for Noble Drilling Services (Canada) Corporation – Encana Deep Panuke

Reference: **NRA2-9404-9854-DT**

BIDS Categories: 9404,9854, 9850, 9851, 8160

Issued Date: July 17, 2019

Closing Date: July 31, 2019

Overview:

Noble Drilling Services (Canada) Corporation, an affiliate of Noble Corporation, is in the process of pre-qualifying companies who can supply H2S detection and protection systems and NORM detection services for our offshore drilling rig located offshore Nova Scotia, Canada. Since 1921, Noble's mission has been to deliver drilling services that enable our customers to exceed their objectives in finding and developing oil and gas resources. The Company owns and operates one of the most modern, versatile, and technically advanced fleets in the offshore drilling industry. Noble performs, through its subsidiaries, contract drilling services with a fleet of 25 offshore drilling units, consisting of 12 drill ships and semisubmersibles and 13 jack-ups, focused largely on ultra-deep water, high specification and harsh environment drilling opportunities in both established and emerging regions worldwide.

Scope of Work Overview

Contractor will ensure that all arrangements and services are performed following relevant DNV standards of practice for H2S environments.

Contractor shall be familiar and compliant with local regulatory training requirements for personnel operating offshore.

Contractor shall satisfy in all respects all known or intended requirements of the Province of Nova Scotia and the Federal Government of Canada Legislation Acts and Regulations applicable to operation in Canada. In addition, all Canada-Nova Scotia Offshore Petroleum Board (CNSOPB) guidelines shall be adhered to offshore Nova Scotia, Canada.

Contractor shall ensure training provided is also compliant with prescribed matrix including Noble and customer requirements including the following:

- provide orientation regarding breathing air system
- conduct fit-testing of the SABA face mask
- provide H₂S Awareness training
- identify and enforce safe behaviours for drilling unit personnel
- conduct air quality testing
- assist in the development and conduct of H₂S drills for H₂S emergencies

Contractor shall be responsible for all NORM contamination testing while pulling tubulars and any other associated activity that may require NORM testing.

Contractor must meet all Canadian governmental and any other applicable regulations that pertain to the work scope done by contractor while working in an offshore environment and must complete any training required and have any certificates required before working offshore. Contractor may be subjected to quality audits and/or safety assessments for validating safety programs or best safety practices.

Contractor will be responsible for the following:

Supply, install, maintain and operate secondary breathing air compressor that meets all regulations and requirements for external installation offshore.

Supply, install and maintain pipe work and fittings connecting secondary compressor to existing pipe work or pipe work installed by contractor (To be determined upon inspection of onboard pipework).

Supply two technicians (day/night) to be onboard at all times during contract (schedule and rotation to be determined by contractor/Noble).

Ensure technicians are properly trained to conduct required NORM testing as required and have up to date and valid Radiation Safety Officer Certificate

Ensure technicians complete daily, weekly and monthly checklists of routine duties.

Supply Self Contained Breathing Apparatus with cascade hook up for Max POB (150) plus 50% Specifications to be provided for proposed SCBA including unit weight and bottle capacity).

Supply and maintain masks for all SCBA's and required mask attached voice amplification for twenty (min. 20) masks.

Supply cascade system with ability to be connected to current breathing air compressor including all necessary hoses, connectors, manifolds, and all other required equipment.

Inspect, pressurize and test current piping system in place on NRA.

Supply required regulators, panels, air driers, air heaters and all other related equipment.

Supply and maintain H2S single gas detectors and appropriate bump and calibration station for entire Max POB (150).

Supply and maintain twelve (12)x four (4) head gas detectors and appropriate bump and calibration stations Contractor will provide breathing air equipment and support services for shore-based tasks (i.e. inspection of core samples).

Install, commission and maintain required area wireless H2S monitors.

Supply Four (4) portable H2S detectors (hand pump suction type) with a range of detection tubes for H2S and SO2.

Supply and install wind socks. Six (6) unobstructed readily visible wind socks so all personnel can immediately determine the wind direction. They are located; (2) on each side of the rig floor, (3) on helideck level, and (1) on STBD Aft Crane.

Provide required safety data sheets for any chemicals, oils, or related materials as required.

Provide any required training for use of all provided equipment to be utilized by all crew members.

Maintain inventory of spare parts/tools/equipment to ensure repairs and replacements can be completed as necessary.

Canada Nova Scotia Benefits & Supplier Diversity

Interested vendors must comply with the provisions of Section 45 of the Canada-Nova Scotia Offshore Petroleum Resources Accord Implementation Act to provide a full and fair opportunity to participate on a competitive basis. It also requires opportunities to Canadians, and in particular, members of the labor force of the Province of Nova Scotia. Contractors will be expected to review all positions and provide first consideration for employment to residents of Nova Scotia when they are qualified and technical quality or safety operations are not compromised. Contractors interested in providing services, if they are selected to bid, will be required to complete a Canada-Nova Scotia Benefits Questionnaire at the bid stage.

Noble encourages the participating of members of designated groups (women; Aboriginal peoples; persons with disabilities; and members of visible minorities) and corporations or cooperatives owned by them, in the supply of goods and services.

Health, Safety, Environment & Security Requirements

The safety of our people is Noble's greatest responsibility and we believe every job can and must be done safely. Every Noble employee or contractor is accountable for conducting operations in a safe and environmentally responsible manner every minute of the day. We are stewards of our global natural resources and our collective efforts assure that current and future generations will enjoy the benefit of a cleaner environment. Interested contractors must have a comprehensive Health, Safety, and Environment program along with a Quality Management System. Contractor personnel will be expected to participate in and comply with all requirements of Noble's HSE Programs and any other regulatory compliance.

Submission Requirements:

Vendor submissions in response to this Expression of Interest must include the reference number **NRA2-9404-9854-DT** along with the following information by the closing date of **July 31, 2019.**

- 1) Contractor to demonstrate qualifications for this Expression of Interest based on company's past performance history and safety records.
- 2) Contractor to describe any past experiences with supplying H2S detection and protection systems.
- 3) Contractor to demonstrate any existing or prior experience operating in the province of Nova Scotia or in Canada.
- 4) Describe your experience operating under and familiarity with the benefits provisions of the Canada-Nova Scotia Atlantic Accord Implementation Acts, and your experience with any similar regimes in other parts of Canada or internationally.
- 5) Please acknowledge that responsible management personnel have read, understand, and comply with Section 45 of the Canada – Nova Scotia Offshore Petroleum Resources Accord Implementation Act.

A Noble questionnaire will be sent out with the Request for Proposal (RFP) if your company is selected to be a participant in the bid process.

This Expression of Interest may or may not result in the submittal of an RFP and may or may not result in the awarding of a contract.

Participation in this Expression of Interest, including any statements oral or written between Noble and your company, shall not create or be deemed to create any binding legal relationship or contract, or be construed to do so

between Noble and your company. All costs associated with the preparation of your response to this Expression of Interest shall be at your company's expense.

Please note that if you respond to this Expression of Interest and you have been selected to be on the RFP bid list, your company name and your contact information may be posted on a public website. If you are awarded a contract, the same may be posted to the same website.

Potential vendors, if you have not done so already, should register with bidsalert.com (formerly bids.ca) using the following contact information:

Phone: 1-800-270-4611

Email: jayde.mcconchie@bids.ca

Responses to the EOI must be submitted electronically only by the closing date to the address listed below:

Noble Corporation

Attention: David Tennison (281-276-6139)

Purchasing Manager

dtennison@noblecorp.com

shjohnson@noblecorp.com

[Nova Scotia, Canada phone number \(902\)-476-5040](tel:(902)476-5040)