

**West White Rose Project  
Expression of Interest (EOI) / Prequalification (Website)  
Directional Drilling, LWD and MWD Services for West White Rose Platform  
Reference No. 8.41.2.009**

Husky Energy Inc. (Husky), operator of the White Rose field and satellite extensions, is seeking Expressions of Interest (EOIs) and to prequalify experienced companies/groups for:

**Directional Drilling, LWD and MWD Services for West White Rose Platform**

**A. Scope Overview**

**Project Overview**

The West White Rose Platform (the Platform) will be located within the White Rose region of the Grand Banks, approximately 350km east of Newfoundland and Labrador on the eastern edge of the Jeanne d'Arc Basin.

The Platform will consist of a Concrete Gravity Structure (CGS) with topsides consisting of drilling facilities, wellheads/Xmas trees and support services such as accommodations, utilities, a flare boom and a helideck. The primary function of the Platform is drilling. There will be no oil storage in the CGS. All well fluids will be transported via subsea flowlines to the SeaRose FPSO for processing, storage and offloading.

The Platform will accommodate 20 conductor slots utilizing conductor sharing wellhead system technology, which will allow two wells to be drilled in each conductor, for a total of up to 40 wells (producers, water injectors and gas injectors). Completion scenarios include the use of gas lift, electric submersible pumps, as well as other wellbore stimulation technologies. The well count and slot designation will be finalized once the depletion planning is finalized.

In addition to the Platform, Husky will consider extending the scope of award to include the MODU Henry Goodrich, which is currently on contract until Q4 2019.

**Scope of Supply**

Below is a high-level summary of the anticipated scope of supply. To receive a detailed project and scope description, please following the response requirements in Section B below.

The Directional Drilling, LWD and MWD Services Expressions of Interest (EOI) submissions should focus on providing the most current, effective and efficient technology, equipment and services available to aid in drilling optimization and formation evaluation for potential deviated/horizontal producers (including ESP and multilateral wells), deviated water injectors and deviated gas injectors. Companies are expected to provide services that align with slot separation and orientation techniques and technology related to shared conductor wellhead systems and to develop associated interface and optimizations with directional drilling technology.

Directional drilling, LWD and MWD technology, equipment and services must include:

- Rotary steerable systems or motors
- Reamers or under reamers
- Magnetic tools, gyro while drilling and ranging tool services

- Standard LWD capabilities such as: Gamma Ray (including azimuthal and near-bit technology); Resistivity (including azimuthal, deep directional azimuthal, multiple depth of investigation and near-bit technology); Density-Neutron; Photo-Electric; Caliper; Acoustic; LWD based imaging (including Caliper, Gamma Ray, Resistivity, Photo-Electric, Density, etc.) Formation Pressure while Drilling
- Specialty LWD capabilities such as Spectroscopy; Magnetic Resonance; Seismic while Drilling; Formation Sampling while Drilling, etc.

Additionally, companies will be required to consider the following in their response:

- Wellbore surveying techniques
- Well placement optimization
- Slot allocation and departure
- Close approach mitigation
- The latest technology for downhole directional control and reservoir evaluation

## **B. Response Requirements**

### **Confidentiality Agreement**

To receive a prequalification package for this work scope (which includes a detailed project and a prequalification questionnaire), interested companies/groups seeking to be qualified to conduct the work must first sign a Confidentiality Agreement. To receive a Confidentiality Agreement, interested companies/groups are asked to complete the table below and send via email to [travis.burke@huskyenergy.com](mailto:travis.burke@huskyenergy.com) as soon as possible, no later than **August 20, 2018 at 3:00 p.m. (Newfoundland Time)**:

<b>Supplier Contact Information Table</b>	
Reference No.:	8.41.2.009
Company Legal Name:	
Company Full Address:	
Company Phone Number (Main):	
Contact Full Name:	
Contact Phone Number:	
Contact Email Address:	

### **Prequalification Questionnaire**

Immediately upon receiving a signed Confidentiality Agreement, Husky will forward a prequalification package containing a detailed functional design specification document as well as a prequalification questionnaire which must be completed by all suppliers. The prequalification questionnaire is largely based on Husky's Operational Integrity Management System (HOIMS) and contains detailed questions regarding your company's technical, HSEQ and commercial capabilities.

Formal responses to the Prequalification Questionnaire are due no later than **September 7, 2018 at 3:00 p.m. (Newfoundland Time)**, and must be submitted via ARIBA, Husky's online sourcing platform. An upload link will be provided as part of the prequalification package.

Husky strongly supports providing opportunities to Canadian and, in particular Newfoundland and Labrador companies and individuals, on a commercially competitive basis. Companies are required to complete a Canada/Newfoundland and Labrador Benefits Questionnaire as part of the Prequalification process. Husky also encourages the participation 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.

For all queries relating to this EOI/Prequalification, please contact:

**Travis Burke**

Category Advisor - WWRP Operations

Safety, Engineering & Procurement

Phone: +1 (709) 724-5628

Email: [travis.burke@huskyenergy.com](mailto:travis.burke@huskyenergy.com)

***Please note that any updates to the above noted Expression of Interest/Prequalification will be posted on the Husky website accessible by the following links:***

[http://wwrp.huskyenergy.com/Procurement\\_Opportunities](http://wwrp.huskyenergy.com/Procurement_Opportunities)

or

<http://www.huskyenergy.com/operations/procurement-opportunities.asp>

***Please check periodically during the pre-submission period for any updates that may be posted.***