



**Atlantic Region
Expression of Interest (EOI) / Prequalification
Subsea Diving Program (2024)
Reference No. 8.15.1.069**

Cenovus Energy Inc. (Cenovus), Operator of the White Rose field and satellite extensions, is seeking Expressions of Interest (EOI) and Prequalification responses from interested companies for the provision of Subsea Diving Program. The scope includes a dive support vessel (DSV) to execute a saturation diving program including remedial and construction scopes during the anticipated SeaRose FPSO dry-dock period. Upon return and reconnection of the SeaRose FPSO, a surface diving campaign will also be required to complete the repairs. This work is scheduled to be completed during Q2-Q3 of 2024.

The White Rose oilfield is located approximately 350 kilometers East-Southeast of St. John's, NL on the Grand Banks in the Jeanne d'Arc Basin.

1.0 Scope of Work

Please refer to the Appendix 1 - Scope of Work attached hereto for further details on scope.

2.0 Prequalification Questionnaire

Interested companies / groups seeking to be qualified to execute the Scope of Work are asked to demonstrate their capabilities and experience via a formal response to the Prequalification Questionnaire. The Prequalification Questionnaire contains detailed questions regarding your company's technical and commercial capabilities. Responses must be received no later than **June 17, 2022 at 15:00 NDT**.

Information requested as part of the Prequalification Questionnaire should be organized in order of Section. Answers to questions/supporting documentation should be submitted in the same order the questions have been listed. Please ensure that supporting documentation for each question is clear and organized. Respondents(s) that met Phase 1 – Technical/Commercial requirements of the prequalification will be invited to participate in Phase 2 – HSEQ Prequalification, which is largely based on Cenovus's Operational Integrity Management System (COIMS). Only those respondent(s) who are successful in pre-qualifying will be invited to submit priced commercial proposals at the bid stage.

Cenovus 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. Cenovus 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.

3.0 Ariba

If interested in submitting a response for this scope of work, responses will be received via Ariba, Cenovus's online sourcing platform. To receive an upload link, please send the following information to melanie.bishop@cenovus.com no later than 7 days prior to the submission deadline:

Company Legal Name:	
Company Full Address:	
Company Phone Number (Main):	
Contact Full Name:	
Contact Phone Number:	
Contact Email Address:	

Please provide a formal response electronically no later than June 17, 2022 at 15:00 NDT.

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

Melanie Bishop
Sr. Contracts Advisor
Atlantic Region SCM
Phone: (709) 724-4686 or (709) 687-5317
Email: melanie.bishop@cenovus.com

Appendix 1 – Scope of Work Subsea Dive Program (2024)

Cenovus requires the provision of dive support vessel (DSV) to execute a saturation diving program in the White Rose Field during the anticipated SeaRose FPSO dry-dock period, as well as a surface diving campaign upon return and reconnection of the SeaRose FPSO. This work is scheduled to be completed during Q2-Q3 of 2024.

1.0 Scope of Work

The following scopes of work are not presented in sequential order and may be arranged based on efficiency, availabilities and/or priorities.

1.1 FPSO turret buoy repair

The White Rose FPSO has an internal turret with disconnectable BTM (Buoy Turret Mooring) system. The FPSO turret buoy was designed with 24-off load bearing bumper pads equally spaced circumferentially around the buoy and housed in steel castings. These bumper pads interface the FPSO turret with a pre-defined gap that must be maintained to limit excessive motion. In 2024, during the FPSO off-station, the turret buoy will be lowered to 40 – 60 meter water depth whereby the pre-defined gap will be restored by replacing the existing bumper pads with new. After installation the gap between the bumper pads and the castings will then have to be filled with a high strength epoxy and left to cure before reconnection of the FPSO. Replacement parts for the buoy will be free issued to contractor.

1.2 Riser Centralizer Installation

With the turret buoy at the 40-60m water depth, the gas injection riser requires the installation of a centralizer to support it within the I-tube on the underside of the buoy. This requires a disconnection and lowering of the riser's bend stiffener, installation of the centralizer and then reinstatement of the bend stiffener. The centralizer and associated hardware will be free issued to the contractor.

1.3 FPSO turret buoy shimming

Upon reconnection of the FPSO onto the buoy turret mooring system, surface supplied divers are required to access the FPSO moon-pool to complete the gap restoration by installation of shim-packs into pre-installed guides. The FPSO will be held in heading control as well as the turret-to-buoy will be centralized with a new jacking system installed during the FPSO drydock. Divers will be required to pack-out the remaining gap with shims once the buoy has been centralized within the turret. Shims will be free issued to the contractor.

1.4 Mooring Chain Remediation

The FPSO 9-leg mooring pattern requires remediation to support asset life extension. This involves replacement of 120 meters of ground mooring chain and its attachment shackles on all 9-legs. The inside shackles that connect the suspended mooring segments to the ground chain will be located on the seabed once the buoy has been dropped to its submerged depth but remain under tension. The replacement shackles and the 120 meters of ground chain complete with excursion limiting clump weights will be free issued to the contractor.

1.5 Gas Injection Manifold Valve Replacement

The Northern Drill Center gas expansion valve located in the subsea gas manifold is to be removed and replaced with a new, free issued valve. Saturation diving will be required to execute this during field shutdown while the FPSO is off-station. The gas system will have to be leak tested to verify new connections and following that the existing gas flowline would have to be de-watered prior to start-up. Dewatering equipment such as pig launchers / receivers will be part of the scope of supply.

1.6 Gas Injection Manifold Remediation

The Northern Drill Center gas injection manifold requires remediation to support asset life extension. This requires the inspection and surface preparation of original manifold fabrication pipe protrusions (thread-o-lets). Remediation consists of the installation of 5-off pressure retaining clamps over the OD of branch and header piping thread-o-lets. Furthermore, there is a requirement to install additional pipe supports in manifold frame to mitigate against vibrations.

1.7 Regulatory

The Petroleum Industry Offshore Canada is governed and regulated through a number of agencies and regulatory bodies. It shall be the responsibility of the selected supplier to understand the requirements under such legislation and regulations.

There are regulatory processes the selected supplier will be required to adhere to including, but not necessarily limited to:

- a) Coasting Trade License Application.
- b) Regulatory Queries Under the New OSH Regulations.

The requirements of these regulations must be met in order for the selected supplier to conduct operations offshore Newfoundland.

Cenovus is responsible for seeking authorization from the C-NLOEB to allow the vessel supplied for this scope to work in Canada. All information required to satisfy regulations will be provided to the C-NLOEB by Cenovus with support from the selected supplier.

The selected supplier is required to arrive in NL with a shipboard system water test meeting the Canadian Drinking Water Quality Guidelines (www.healthcanada.gc.ca/waterquality).

It is the responsibility of the selected supplier to ensure they are knowledgeable of all applicable regulations regarding this Scope of Work.

The selected supplier will also be required to ensure that all personnel entering Canadian waters are issued LMIA work visas prior to entry with sufficient durations to complete the Scope of Work.

1.8 Permit to Work

Cenovus will retain the responsibility of ensuring the vessel and the operation is appropriately permitted to work in the field. Cenovus, if it requires, shall have a representative(s) on the vessel while the work is being conducted

to manage the interface between onshore and offshore operations as it applies to the Permit to Work System and the Scope of Work.

1.9 Personnel and Equipment Supply

Interested companies must be qualified to conduct the work scope and demonstrate that they are capable of meeting the project schedule dates outlined herein. Companies are asked to demonstrate their capabilities and experience via a formal response to this EOI and the Prequalification Questionnaire.

The selected supplier is expected to have the capability to provide; a dynamic positioned (DP) class III dive support vessel with moonpool launched twin diving bells and twin Self-Propelled Hyperbaric Lifeboats (SPHLB), capable to working in North Atlantic environments during May to September. The supplier is expected to have the capability to provide both a surface supplied diving spread and a dedicated mother vessel for the diving spread, along with all required personnel to complete the scope of work for 24-hour operations. All diving platforms are to have a class approved dedicated launch and recovery system. The mother vessel shall have dynamic positioning capability and FRC's capable of being used for personnel transfers to/from the worksite (if required). Cenovus reserves the right to appropriately audit DP II & III class capability at its discretion.

1.10 Project Management and Engineering

The selected supplier is expected to complete all project management and engineering associated with the scope of work, with the exception of free-issued materials and procedures provided by system designers involved with the work. The selected supplier may be expected to interface with other subcontractors as necessary to complete the design and testing of any bespoke equipment and/or process nominated to complete the work.