
PREQUALIFICATION QUESTIONNAIRE

Husky Ref. No.: **8.5.1.099**

Goods/Services Title: **Offshore Support Vessels –
Atlantic Region Operations**

**THIS QUESTIONNAIRE IS TO BE COMPLETED BY VENDORS WHO ARE
INTERESTED IN SUPPLYING EQUIPMENT, MATERIALS AND/OR SERVICES TO
HUSKY OIL OPERATIONS LIMITED. THE INFORMATION PROVIDED IS STRICTLY
CONFIDENTIAL AND SOLELY FOR THE USE OF HUSKY.**

**COMPLETED QUESTIONNAIRE MUST BE SUBMITTED VIA ARIBA, HUSKY'S ON-LINE SOURCING PLATFORM.
INQUIRIES REGARDING THIS PROCESS SHOULD BE DIRECTED TO:**

**Husky Energy
Suite 105, 351 Water Street
St. John's, NL A1C 1C2**

**Attention: Don Reid
Phone: (709) 724-4611
E-mail: don.reid@huskyenergy.com**

Company Name: _____

**The signatory of this Questionnaire guarantees the trust and accuracy of all
responses given herein, and is an authorized officer or agent of the company.**

Information submitted and completed by:

Name (Please Print)

Title

Signature

Date

To be completed by Husky:

Date Received: _____

Procurement Signoff: _____

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General Instructions

We recognize that we have many different types of suppliers / contractors with different core competencies and skill sets. In order to effectively assess your company, we require that this Questionnaire be filled out as it applies to your firm.

Husky is committed to ensuring fairness in our vendor selection process. Prequalification will be based on your company meeting our expectations for the goods and / or services to be supplied.

Submission Requirements

Submission Requirements

Vendors must submit an electronic copy of all requested documentation via Ariba, Husky's online sourcing platform. To receive an upload link, please send the following information to don.reid@huskyenergy.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:	

Vendors are required to submit their pre-qualification response in the following format and in the exact order as shown:

1. Company Information
2. Subcontracting
3. Work History
4. Current Organizational Structure
5. Facilities and Infrastructure
6. Capabilities Statement
7. Contractor HSEQ Requirements
8. Technical Information
9. Canada -Newfoundland and Labrador Benefits Compliance
10. Attachments
11. Additional Comments

Please ensure that supporting documentation for each question is clear, organized and easily recognized as related to the particular question.

1. Company Information

1.1 Company Name: _____

Street/Mailing Address of Office completing this Questionnaire

City: _____ Province: _____

Postal Code: _____

Telephone: _____ Fax: _____

Key Company Sales Contact

Canadian Head Office:

Street/Mailing Address: _____

Local Office:

Street/Mailing Address: _____

1.2 Type of Company

Sole Proprietor _____ Partnership _____

Corporation – Private _____ Corporation – Public _____

Other (please identify): _____

Please supply Certificate of Incorporation, and identify and attach as an Appendix. If private ownership, please also identify the Principle Shareholders below.

Name _____

City _____ Province/State _____

Name _____

City _____ Province/State _____

Name _____

City _____ Province/State _____

Name _____

City _____ Province/State _____

1.3 Subsidiaries, Affiliates, etc. (indicate whether wholly-owned or percent controlled)

1.4 Total Number of Employees by Geographical Location

Newfoundland and Labrador _____

Other Canadian Provinces _____

International _____

1.5 Declaration of Business Relationship (Company Owner/Management)

In accordance with the approval policy of Husky, **all Vendors shall, as a condition of supplying goods or services to Husky, make full disclosure of any existing business relationships with any Husky employee and/or contractor or immediate relatives.** If the Vendor fails to disclose an interest and/or the interest is falsely or insufficiently reported, Husky reserved the right to terminate or cancel any agreement of any kind which may have been entered into with the Vendor.

Are you a relative or of do you have a relationship with any Husky employee that would cause any real or perceived conflicts of interest?

No

Yes (please specify): _____

1.6 Annual Revenue & Operating Income (CDN\$ in each of the last five years):

	Revenue		Operating Income	
Year		\$		\$
Year		\$		\$
Year		\$		\$
Year		\$		\$
Year		\$		\$

Do you have 3rd party certified financial statements available for the most recently completed fiscal year? Yes _____ No _____

(If yes, please attach latest copy)

1.7 Joint Ventures

The following questions apply to Joint Ventures only;

1. Please provide a copy of your organizational structure showing all members of the Joint Venture.
2. Provide the following Joint Venture Details:
 - i. A copy of the Joint Venture Agreement
 - ii. A statement of the share equity of each of the participants
 - iii. The lead participant within the Joint Venture
 - iv. Outline how the Joint Venture will be managed with regards to objectives
 - v. How are the Key Business Objectives of each Participant reflected in the Joint Venture
 - vi. The share and nature of the work provided by each participant
 - vii. Arrangements for the transfer of systems/information technology
 - viii. How do the Participants envisage the Joint Venture developing in the future
3. In the case of a Joint Venture, detail how Bidder will optimize/merge the different participants, organization, cultures to ensure the greatest benefits are realized for Company.

2. Subcontracting

.1 Please list any associated work that you would typically subcontract to other vendor(s) providing the following information for each:

- Specific type of work being subcontracted: _____
- Company Name: _____
- City: _____ Province/State: _____
- Contact Name at above noted Company: _____
- Contact Phone Number for above: _____

.2 Describe the process you have for selecting subcontractors: (Also see Husky's expectations in this area for item 13 - Contracted Services and Materials – under Section 7, Contractor HSEQ Requirements)

3. Work History

Please provide a list of at least the top three (3) recent clients of your firm, with whom you have contracts for scopes of work similar to that covered by this pre-qualification process. Provide the following information for each:

1. Contract Name/Owner: _____

CDN \$ Value: _____ Date(s) of Contract Term: _____

Description (Contract Scope of Work. Please be specific): _____

Location: _____

Reference (Contact Name): _____ Telephone: _____

2. Contract Name/Owner: _____

CDN \$ Value: _____ Date(s) of Contract Term: _____

Description (Contract Scope of Work. Please be specific):

Location: _____

Reference (Contact Name): _____ Telephone: _____

3. Contract Name/Owner: _____

CDN \$ Value: _____ Date(s) of Contract Term: _____

Description (Contract Scope of Work. Please be specific):

Location: _____

Reference (Contact Name): _____ Telephone: _____

4. Current Organizational Structure

Please provide a current Organization Chart for your company, indicating, but not limited to, management personnel and reporting relationships. Please also identify where this organization's management personnel are located. Where principal organizational structures are outside of St. John's NL, please identify local office organizational details identifying local personal/positions that will support day to day operations and service. Please ensure the organization chart indicates personnel (including names) which would be supporting the scope of work. Please also identify where all these individuals are located geographically.

5. Facilities & Infrastructure

Please provide a description of the facilities & infrastructure which your company would utilize in provision of the subject services, if applicable. Please clarify whether the facilities & infrastructure which you are describing are currently occupied and utilized by your company. Please provide photographs / drawings as appropriate.

6. Capabilities Statement

Please provide an overview of your company's capabilities. In addition, please ensure that you provide a description of your company's specific capabilities as they related to the subject services being requested.

7. Contractor HSEQ Requirements
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READ CAREFULLY AND ANSWER COMPLETELY

These pre-qualification questions are based on Husky's Contractor HSEQ Requirements. They are intended to establish the content and maturity of an organization's HSEQ management system.

For any "Yes" answer provided, Husky requires a documented reference to a policy/procedure/standard and a copy of supporting documentation which can be referenced as evidence to validate any "Yes" answers. Any "Yes" answers not supported by documentation and appropriate references cannot be evaluated and may result in disqualification. All answers may be subject to further verification efforts by Husky.

Specific examples of the types of documentation such as procedures, samples of records etc. are described below each question as a suggested way of satisfying the required supporting evidence.

All submitted documentation must be packaged in such a way as to facilitate the ease of review and evaluation of the contents. This includes specific document page and or section references for each question in the order they are presented i.e. a Procedure to support an answer for question 5.8 must come after a procedure to support 2.6.

In many cases the same procedure or document may support multiple questions, please ensure the page or section reference is clear.

For Example:

Question 9.2. Does the change process clearly define change?

Response: YES Tab 9 Management of Change Procedure ABB-MOC-OPS-1234 Section 3.1 Page 4

In some cases a specific documented procedure may not exist to satisfy the question however a process may still exist. In such a case please provide a description of the process as it exists in your organization, these processes however will be subject to further verification as necessary.

Much of this HSEQ Questionnaire can be answered by submitting the following documentation. This checklist list is ONLY A GUIDE and is not meant to be comprehensive or exclusive of other relevant information your organization may be able to provide to support your answers.

If there are any questions please contact the Husky Procurement Representative.

Document Submission Checklist	
Document	YES/NO
1. HSE Manual	
2. Quality Manual	
3. HSEQ Policy(ies)	
4. Drug and Alcohol Policy	
5. New Employee Orientation and Induction Procedure(s)	
6. Risk Management Procedure(s)	
7. Emergency Response Plan	
8. Business Recovery/Continuity Plan	
9. Equipment Maintenance Program Manual	
10. Hazardous Areas Procedure(s)	
11. Training and Competency Procedure(s)	
12. Incident Management and Investigation Procedure(s)	
13. Environmental Protection and Management Procedure(s)	
14. Management of Change Procedure(s)	

Document Submission Checklist	
Document	YES/NO
15. Document Control Procedure(s)	
16. Confidential Information Procedure(s)	
17. Project Execution Procedure(s)	
18. Contractor Management Procedures	
19. Non-Conformance Procedure(s)	
20. Supplier/Contractor Evaluation Procedure(s)	
21. Materials Receiving Procedure(s)	
22. Audit Procedure(s)	
23. Lessons Learned Procedure(s)	
SAMPLES OF:	
1. Annual HSEQ Performance Objectives, KPIs and current status	
2. Management Review Meeting Minutes	
3. Safety Meeting Minutes	
4. Safety Alerts or Bulletins	
5. Safety Observation Cards	
6. MSDS Register	
7. Risk Ranking Matrices	
8. Emergency Drill and/or Exercise Reports	
9. Job Descriptions for Management, Safety Critical Roles and those responsible for the Management System	
10. Hazardous Area Equipment Register	
11. Critical Equipment List	
12. Spare Parts for Critical Equipment Inventory List	
13. Failure Trends Analysis Report	
14. Maintenance System record for a critical system or piece of equipment	
15. Preventative Maintenance Backlog Statistics	
16. Sample of Calibration Record(s)	
17. Training Matrices	
18. Training Course Outline	
19. Incident Investigation Report	
20. Management of Change Form	
21. Internal and Supplier Audit Report	
22. Audit Schedule and current status	
23. Audit protocols or templates	
24. Corrective Action Management report and current status of all actions	
25. Purchasing/Contract Template	
26. Contractor Prequalification Questionnaire/Evaluation Form	
27. OHS Committee Meeting Minutes	
28. OHS Committee/WHSR Membership list and Terms of Reference	

Provide HSE performance statistics for the last 3 years for the following information:

Statistics including Sub-Contractor data

ITEM	20--	20--	20--
Fatalities			
Lost Time Injuries			
# of Lost time Days			
Restricted Work Cases			
# of Restricted Work Days			
Medical Aids			
First Aids			
Near Misses			
Total Exposure Hours			
LOST TIME INJURY RATE			
TOTAL RECORDABLE INJURY RATE			
Motor Vehicle Accidents			
Reportable Environmental Spills			

Statistics for Proponent Alone

ITEM	20--	20--	20--
Fatalities			
Lost Time Injuries			
# of Lost time Days			
Restricted Work Cases			
# of Restricted Work Days			
Medical Aids			
First Aids			
Near Misses			
Total Exposure Hours			
LOST TIME INJURY RATE			
TOTAL RECORDABLE INJURY RATE			
Motor Vehicle Accidents			
Reportable Environmental Spills			

- Lost Time Injury Rate based on 200,000 person hours
- Total Recordable Injury Rate based on 200,000 person hours

RESPONSES SHOULD BE ORGANIZED AND FORMATTED TO ALLOW FOR EFFICIENT NAVIGATION OF DOCUMENTATION SUBMITTED FOR REVIEW. THE IDEAL RESPONSE FORMAT IS A FILE/FOLDER STRUCTURE THAT ALLOWS FOR CLEARLY ORGANIZED AND EASILY REFERENCED SUPPORTING DOCUMENTATION.

FOR EXAMPLE, IN THE QUESTIONNAIRE CHECKLIST ALL QUESTIONS WITH A 'YES' RESPONSE SHALL INCLUDE A RESPONSE TO THE TAB #, DOCUMENT TITLE, AND DOCUMENT NUMBER. EACH SECTION OF THE QUESTIONNAIRE SHALL CORRESPOND TO A DOCUMENTATION FOLDER (E.G. "1 - LEADERSHIP AND ACCOUNTABILITY") CONTAINING THE RELEVANT SUPPORTING DOCUMENT(S).

1	Leadership and Accountability	YES/NO	Tab #	Document Title	Document Number	Section and Page #
1.1	Does the organization have an HSEQ Policy or policy statement?					
1.2	Does the organization have a formalized documented Management System					
1.3	Does the leadership actively and visibly participate in and promote the Management System?					
1.4	Does the organization participate in industry associations and other networking activities in order to integrate best practices?					
1.5	Are the roles, responsibilities and accountabilities within the management system known, accepted and exercised?					
1.6	Are clear goals and specific objectives for the management system established and is performance measured against these goals and objectives?					

2	Safe Operations	YES/NO	Tab #	Document Title	Document Number	Section and Page #
2.1	Is a comprehensive safety program implemented including documented safe work practices, job analysis, and hazard and risk assessments?					
2.2	Is there an OHS Committee and/or a worker health and safety representative, or workplace health and safety designate in place?					
2.3	Is there a program in place that includes requirements for human factors, ergonomic risk considerations, fatigue management, and workplace physical and mental demands are identified, analyzed and addressed?					
2.4	Does the organization have a process by which at-risk behaviours and substandard conditions can be identified, recorded, analyzed and addressed e.g. a Safety Observation system?					
2.5	Is there an industrial hygiene and medical surveillance program?					
2.6	Is there a safe handling of chemicals and/or hazardous materials system?					
2.7	Does the organization have a Drug and Alcohol Policy?					
2.8	Is a process implemented to ensure the provision, training and use of appropriate Personal Protective Equipment (PPE)?					
2.9	Are procedures implemented to ensure that information which is critical to safe and efficient operations is effectively communicated between all relevant personnel, including crew shifts and rotations.					

3	Risk Assessment and Management	YES/NO	Tab #	Document Title	Document Number	Section and Page #
3.1	Is there a documented risk assessment and management process or program?					
3.2	Are risk assessed and managed to As Low as Reasonably Practicable?					
3.3	Is a defined risk matrix tool used for risk assessments?					
3.4	Are risks prioritized to people, environment assets and reputation?					
3.5	Is a follow up process in place to ensure that risk management decisions and actions are recorded and tracked to closure?					
3.6	Are risk assessments performed by qualified personnel with appropriate expertise?					

4	Emergency Preparedness	YES/NO	Tab #	Document Title	Document Number	Section and Page #
4.1	Does the organization have a response plan appropriate for their facilities/operation that is documented and communicated throughout the organization?					
4.2	Is the plan based on specific hazards and risk assessments?					
4.3	Are the incident coordination and area emergency response plans integrated with local responders as appropriate?					
4.4	Are emergency preparedness and response plans reviewed periodically and updated?					
4.5	Are emergency response personnel trained?					
4.6	Is response equipment maintained?					
4.7	Are simulations, drills or exercises conducted regularly?					
4.8	Is a business recovery plan developed to address how critical business activities will be continued following a disruptive event?					

5	Reliability and Integrity	YES/NO	Tab#	Document Title	Document Number	Section and Page #
5.1	Are there procedures in place for asset operating, maintenance, monitoring, test, calibration, and inspection?					
5.2	Has critical equipment been identified?					
5.3	Has hazardous area equipment been identified and used as appropriate?					
5.4	Are failure trends tracked, reviewed and analysed to identify persistent problems?					
5.5	Are procedures implemented to manage the temporary disarming or deactivation and reactivation of critical equipment and devices?					
5.6	Are critical tasks that require specific controls and competencies identified?					
5.7	Is there a process for reporting of deficiencies and tracking the actions to resolve them?					
5.8	Is there a system in place to formally control and record all work performed on an asset?					
5.9	Is there a process implemented to plan, schedule and coordinate asset operations and work activities, for example shutdowns?					
5.10	Is there a process implemented to identify spare parts, support and test equipment for critical items and ensure they are available when needed?					
5.11	Are standardized performance indicators established, monitored and reported for core work processes to ensure they are carried out effectively and to drive continual improvement?					
5.12	Is there a system implemented to monitor, report and manage maintenance, inspection, testing and monitoring backlogs?					
5.13	Is there a process implemented for the calibration and control of measuring and testing equipment?					

6	Personnel Training and Competency	YES/NO	Tab #	Document Title	Document Number	Section and Page #
6.1	Are there documented role descriptions?					
6.2	Are there documented training requirements for roles that identify initial, ongoing and refresher training?					
6.3	Is there a competency assessment process or program?					
6.4	Is there a company and role orientation program for new and/or transferred employees including safety training as a minimum.					
6.5	Are there regular performance reviews?					

7	Incident Management	YES/NO	Tab #	Document Title	Document Number	Section and Page #
7.1	Are all incidents, including near misses reported, documented and maintained in an incident management system?					
7.2	Is a proven investigation methodology used to identify root cause and actual/potential severity of incidents?					
7.3	Are incident investigators appropriately trained?					
7.4	Are actions raised, tracked and followed through to closure?					
7.5	Are safety alerts and lessons learned from incidents communicated and acted upon?					
7.6	Is incident data analyzed and reviewed?					

8	Environmental Management	YES/NO	Tab #	Document Title	Document Number	Section and Page #
8.1	Are environmental management systems established to eliminate, minimize, prevent, detect, control and mitigate environmental risks, address environmental impacts and demonstrate compliance with regulations?					
8.2	Are metrics and targets set to drive continual improvement in environmental performance?					

9	Management of Change	YES/NO	Tab #	Document Title	Document Number	Section and Page #
9.1	Is there a documented management of change process to consider all changes that directly affect facilities, assets and people?					
9.2	Does the process clearly define change?					
9.3	Does the process include appropriate management review and approval?					
9.4	Does the process ensure the documentation and tracking of changes?					
9.5	Does the process consider requirements for training and documentation updates resulting from the change?					
9.6	Does the process include tracking and closure of actions resulting from the change?					
9.7	Does the process consider both permanent and temporary changes and ensure the scope and duration of temporary changes are not exceeded without review and formal approval?					

10	Information, Documentation and Effective Communications	YES/NO	Tab #	Document Title	Document Number	Section and Page #
10.1	Is there a document management system to manage technical and other documentation and ensure it is accessible and readily retrievable?					
10.2	Is technical and management system documentation controlled to include peer review and management approval to manage creation and change?					
10.3	Is information on applicable laws and regulations, licenses, permits, codes, standards and practices accessible?					
10.4	Are superseded, cancelled or obsolete documents restricted or are clearly identified to prevent unintentional use?					
10.5	Are records covering operations, maintenance, inspections and facility changes maintained and are these records auditable?					
10.6	Are employee health, medical, occupational exposure and training records maintained with appropriate confidentiality?					

11	Compliance Assurance and Regulatory Advocacy	YES/NO	Tab #	Document Title	Document Number	Section and Page #
11.1	Is there a register of applicable laws regulation, codes and standards etc. identifying the need for regular currency review and the responsible roles?					
11.2	Is there a non-compliance process to track deviations from internal or external requirements?					

12	Design, Construction Commissioning, Operating and Decommissioning	YES/NO	Tab #	Document Title	Document Number	Section and Page #
12.1	Is a project execution process used to incorporate health, safety, environment, loss prevention, and technical standards requirements?					
12.2	Are operability, maintainability, reliability and total life-cycle cost systematically considered in the planning, design and construction process? Is operations and maintenance expertise fully integrated early into the process at the design and project stage?					
12.3	Are approved loss prevention guidelines, design standards and procedures are fully utilized in the design, procurement and construction of all new or modified facilities that meet or exceed applicable regulatory requirements and encompass responsible requirements where regulations do not exist?					
12.4	Are risk management practices and concepts incorporated in the design phase to meet operational integrity objectives?					
12.5	Are human factor principles fully assessed and incorporated in the project?					
12.6	Are deviations from approved design practices and standards or from the approved design reviewed and approved by the designated technical authority, and is the rationale for the decision fully documented?					
12.7	Are quality assurance processes in place to ensure that facilities and materials specified, received and used meet specifications and that construction is in accordance with the applicable standards?					
12.8	Is a formal pre-startup review performed and documented on all new or modified facilities prior to operation to confirm that they meet all applicable technical and operational requirements?					
12.9	Is a process in place to ensure that any performance or integrity related issues identified during the course of commissioning, operating and decommissioning are captured, assessed and, where appropriate, resolved?					

13	Contracted Services and Materials	YES/NO	Tab #	Document Title	Document Number	Section and Page #
13.1	Is there a supplier or contractor pre-qualification and selection process?					
13.2	Is there an approved prequalified Supplier/Contractor list?					
13.3	Is there a process to ensure that received materials and services are verified against requirements?					
13.4	Are interfaces with suppliers identified and managed?					
13.5	Is there a process to identify non-conforming products and services and to prevent their release or inadvertent use?					
13.6	Is supplier/contractor performance monitored and audited?					

14	Performance Assessment and Continuous Improvement	YES/NO	Tab #	Document Title	Document Number	Section and Page #
14.1	Are HSEQ performance indicators established and evaluated?					
14.2	Is there an internal audit process?					
14.3	Do audits follow established protocols and are they conducted by competent auditors, or audit teams, including expertise from outside the immediate unit?					
14.4	Are findings from audits recorded, discussed and agreed with the assessed party and corrective action plans developed and tracked to closure?					
14.5	Are management system processes and documentation periodically reviewed for effectiveness and adequacy?					
14.6	Is a management review meeting held periodically?					

8. Technical Requirements

All respondents are asked to complete the questions below as part of your technical submission. Answers to these questions can be submitted as an attachment to the questionnaire. Respondents should note that **all questions** must be answered and appropriate documentation supplied.

PLEASE USE TABS/SECTIONS TO ORGANIZE RESPONSES TO EACH QUESTION AND SUBMIT INFORMATION IN THE ORDER THE QUESTIONS APPEAR IN THE QUESTIONNAIRE.

QUESTION NUMBERS BELOW ARE REFERENCED TO THE APPLICABLE SECTION OF THE “SUMMARY OF EXPECTATIONS”, AS PROVIDED IN THE EOI POSTING. FOR EXAMPLE, QUESTION 1.2.1 IS THE FIRST QUESTION RELATING TO EXPECTATION 1.2 – FLEET MANAGEMENT TEAM.

OFFSHORE SUPPORT VESSELS – ATLANTIC REGION OPERATIONS TECHNICAL QUESTIONNAIRE AND GUIDANCE		
No.	Question / Requirement	Guidance and Criteria
1.1	Please ensure details of the responding company’s HSEQ philosophy and culture are captured in the provided HSEQ questionnaire. The information should demonstrate the maturity of the safety culture.	Details precluded in HSEQ Questionnaire. Note: Husky may conduct a detailed review/audit of safety and quality management systems prior to advancing in the process including but not limited to an OVSMA audit or equivalent. Please note: Qualifying bidders may be required to present in detail, on the mechanics of the SMS and proposed onshore support.
1.2.1	Please provide details of the responding company’s corporate profile including: Commercial, Technical, Human Resources and Operations Management.	Provide details of the following: <ul style="list-style-type: none"> • The responding company’s current organizational chart. • Region(s) of operations and location of support staff and offices. • An overview of current customers and charterers.
1.2.2	Please provide details of the responding company’s fleet composition and technical profile.	Provide details of the following: <ul style="list-style-type: none"> • An overview and description of the responding company’s fleet, including details of vessels. (class, origin, charter and/or layup status) and current customers. • The responding company’s critical spares philosophy including minimum vessel and onshore inventories. (Provide overview of ability to ensure maximum uptime and efficiency for fleet and well as relevant KPIs). • Details of current or anticipated Preventative Maintenance Systems. • Procurement philosophy and details of how it manages its supply chain.

OFFSHORE SUPPORT VESSELS – ATLANTIC REGION OPERATIONS TECHNICAL QUESTIONNAIRE AND GUIDANCE		
No.	Question / Requirement	Guidance and Criteria
1.2.3	A local onshore support office (St John's, NL region) is required. Please detail how it will be established if not currently in place.	<p>The expectation is that there will be local shore support for technical and operations support. At a minimum, dedicated local resources are expected for:</p> <ul style="list-style-type: none"> • Operations, • Technical, • HSEQ and; • Crewing <p>Please provide a detailed expected organizational chart and qualification/experience matrix for the positions identified above. Please include a timeline for office establishment (if new to the region)</p>
1.3.1	Please confirm responding company's ability and history (if applicable) in complying with the employment provisions of the Atlantic Accord Implementation Act and general HR experience profile.	<p>Please detail relevant crewing experience including:</p> <ul style="list-style-type: none"> • Experience in local market. • Number of vessel-based crew employed (locally/globally). • Competency Development & Assessment Philosophy. • Current Shipboard Training Matrix(ies) • Details of onboard training tools/programs. • Retention and Succession Plan. • Intended crewing profile for proposed vessel(s).
1.3.2	The minimum required crew complement is 14. This is to meet the requirements of field standby. Additional operators and service personnel may be required on service vessel to support a walk to work system and or ad hoc projects. Please provide an indicative crew and competency matrix.	Vessel shall have the ability to perform 24hr DP activities with a two-person DP bridge watch system. The DP bridge and engineering watch keeping personnel shall meet the minimum requirements of IMCA M 117; the training and experience of key DP Personnel. The bridge DP watch keepers shall be comprised, as a minimum, of 1 Senior DPO and 1 Junior DPO as defined by IMCA guidelines.
1.4	Is the proposed vessel(s) a new design/build? If yes, a proven track record of managing builds and an internal experienced new build team is required.	Respondents proposing a new build(s) shall provide a history and experience profile of executing new construction, including project management, yards and designs utilized, and construction team(s) experience matrix. Please provide a construction timeline, potential designers, and yards known or considered.
1.5	Does the proposed vessel(s) require a refit or modification? If yes, a proven track record with managing similar refits and an internal experienced team is required.	Respondents proposing a vessel(s) that require refit or modification to meet criteria shall provide a history and experience profile of similar project management, yards & designs utilized, and refit team(s) experience matrix.

OFFSHORE SUPPORT VESSELS – ATLANTIC REGION OPERATIONS TECHNICAL QUESTIONNAIRE AND GUIDANCE		
No.	Question / Requirement	Guidance and Criteria
2.1	The proposed vessel(s) are required to be Canadian registered. Please provide details of experience with Canadian Flag.	Provide details of experience working with, and under local regulators including Transport Canada and the C-NLOPB where applicable. Please include details of previous regulatory queries or MTRB processes supporting this experience profile.
2.2	The proposed vessel(s) must meet the Safety Standby requirements as outlined in the EOI document. Please provide details of design adaptations or refit requirements to meet this standard.	The proposed vessel(s) must be delivered with a valid Standby Letter of Compliance. The proposed vessel(s) must satisfy all the requirements of the Atlantic Canada Standby Guidelines to complete a Dual Standby role with a minimum survivor capacity of 275 persons. This includes two (2) Fast Rescue Crafts to meet Husky Energy's condition 33 specification.
2.3	The proposed vessel(s) will, if selected, be audited against the local shelf state regulator's (CNOPB) occupational health and safety regulations, currently TOSH (Transitional Occupational Safety and Health Regulations). Please detail the responding company's experience related to TOSH or similar Shelf State regulations in other jurisdictions.	Any gaps identified as to compliance with the CNLOPB TOSH regulations (or those enforce at the time of delivery) must be closed prior to final vessel acceptance.
2.4	Please detail if the responding company has experience with offshore worker transportation in the local region or globally.	The vessel(s) will be required to transport offshore workers. Facilities and procedures must conform to the "Code of Practice-Transportation of Employees by vessel to or from a Workplace in the Offshore Petroleum Industry – Newfoundland and Labrador" and/or relevant codes in force at time of operation.
2.5	The proposed vessel(s) must meet the FiFi 2 classification requirements and be fitted with FiFi 3 Foam requirements	The vessel will be required to have a minimum length of throw of 150m, height of throw of 70m at a horizontal distance of at least 70m and 2 foam monitors with 5000 liters/minute and 30 minutes of foam supply onboard.
3.1	Confirm current or proposed classification society and provide a listing of each vessel(s) proposed class notations and optional notations (if applicable) and basic descriptions of these notations.	Provide a statement / specification sheet,

OFFSHORE SUPPORT VESSELS – ATLANTIC REGION OPERATIONS TECHNICAL QUESTIONNAIRE AND GUIDANCE		
No.	Question / Requirement	Guidance and Criteria
3.2.1	Confirm age of proposed vessel(s). Considered vessels will be less than 5 years at time of delivery.	<p>In the case of proposed existing tonnage, please provide the vessel(s)'s initial in-service date, the date(s) of the first required dry-docking, and if a refit or docking will be required to meet the expectations of this EOI.</p> <ul style="list-style-type: none"> • Please provide details of proposed vessel(s)'s designer and yard of construction. • Please provide a copy of the proposed vessel(s)'s general arrangement and general photographs/graphics if available. • Please provide a copy of the proposed vessel(s) class status report <p>Note: Vessel delivery times will be adjusted to ensure dockings are aligned with intervals to prevent operational issues and reduced capability.</p>
3.2.2	Can the proposed vessel(s) be delivered to specification between Q4 2020 and Q2 2021?	<p>In the case of an existing vessel(s), please provide details of current and anticipated charters and availability.</p> <p>If the responding company is considering a New build vessel(s), please provide an indicative delivery timeline.</p>

OFFSHORE SUPPORT VESSELS – ATLANTIC REGION OPERATIONS TECHNICAL QUESTIONNAIRE AND GUIDANCE		
No.	Question / Requirement	Guidance and Criteria
3.3	Please provide details of proposed vessel(s) dimensions and general or indicative particulars.	<p>Proposed vessel(s) shall be less than or equal to 100m due to local berth restrictions. Proposed vessel design(s) should maximize laydown areas and operability, with considerations given for the installation of a walk to work system. The vessel(s) motion characteristics (RAO's) will be evaluated at the bid stage.</p> <p>Please provide details and drawings (where applicable) of proposed vessel(s) including:</p> <ul style="list-style-type: none"> • Length • Breadth • Depth • Design Drafts • General Arrangement • Clear Deck Areas • Power Distribution System, Power Management Concept • Capacity Plan • Accommodation Plan • Details of proposed deck machinery and mechanical outfit • Provide a basic electrical drawing overviewing clean power sources and electrical distribution for propulsion/auxiliary consumers
3.4	Confirm Vessel has DNV GL Ice Class 1A or equivalent notation,	Provide details of existing or anticipated strengthening
3.5	Please confirm the proposed vessel(s) have greater than or equal to 800m ² of Deck Area (laydown)	Please provide details of laydown, including deck strengthening/loading, total laydown area, laydown area whilst maintaining standby compliance, laydown whilst tow compliant/able and a drawings of anticipated deck layout

OFFSHORE SUPPORT VESSELS – ATLANTIC REGION OPERATIONS TECHNICAL QUESTIONNAIRE AND GUIDANCE		
No.	Question / Requirement	Guidance and Criteria
3.6	Please indicate details of proposed vessels underdeck cargo system and hose handling specifications and systems	<p>Provide details of vessel's underdeck cargo system including system design and type, general arrangement of bulk/mud tanks, cleaning and circulation and/or agitation systems, hose handling systems, manifolds, pumping systems and general redundancy. Please provide known or anticipated pumping/discharge curves for system(s). In general capacities should meet or exceed the below:</p> <ul style="list-style-type: none"> • Fuel (vessel and cargo) 1000 m³(16-1800 ocean towing). • Potable Water 800 m³ (RO System on board) • Brine (Specific Gravity 2.0) 600 m³ • Base Oil 260 m³ • Liquid Mud (Specific Gravity 2.0) 500 m³ • Drill Water 1000 m³ • Recovered Oil 1000 m³ • Dry bulk capacity 4 tanks or more / 300 m³ <p>It is anticipated redundant pumping arrangement for cargos will be included in vessel design. This redundancy must be achieved without a risk of cross contamination.</p>
3.7	Please detail the proposed vessel(s) Anchor Handling and towing capabilities.	<p>Please provide details of proposed vessel(s) winch package and anchor handling equipment/towing equipment including equipment specification(s), safe working loads/limits, redundancy concepts, chain locker capacities and potential/proposed safe deck systems.</p> <p>In general, the vessel is expected to have a system which meets class requirements for the bollard pull produced, and would have the standard AHTS equipment including a j hook, and grapple, two sets of jaws/forks, pins, a stern roller(s) and dual gypsies/inserts and handling arrangements for a variety of typical offshore chain (76mm/84mm etc..). Both work and towing wires and drums are required. Deck strengthening shall be consistent with anchor handling requirements.</p>

OFFSHORE SUPPORT VESSELS – ATLANTIC REGION OPERATIONS TECHNICAL QUESTIONNAIRE AND GUIDANCE		
No.	Question / Requirement	Guidance and Criteria
3.8	Please provide the vessel(s) last bollard pull certificate or designed bollard pull statement.	The proposed vessel is required to maintain ≥ 180 t continuous bollard pull via the primary shafts/movers with all other consumers and auxiliaries running. The proposed vessel is expected to maintain a bollard pull certificate less than 10 years old. The vessel must maintain this minimum bollard pull performance throughout its anticipated service life. Bollard pull testing should be completed to DNV A505 or equivalent standard.
3.9.1	Confirm proposed vessel(s) have/has DP2 Classification in accordance with guidance provided and specification requirements. Please provide system overview and specification.	<p>In addition to the baseline data provided in the EOI summary the vessel must have a minimum of two absolute reference systems (GNSS) and two relative reference systems in operation for each installation, indicatively, HPR with INS, Radius, and Optical. The relative reference systems must also be compatible with the FPSO and Offshore Platforms in the White Rose Field. This includes the DP system having "Follow Target Mode". There must be a minimum of three wind, three motion, and three vessel heading sensors feeding the DP system.</p> <p>DP FMEA and DP Trials documents are to be written to MTS Standards or equivalent.</p> <p>The vessel should meet the design requirements for Interpreting IEEE Std. 519 in meeting its harmonic limits in VFD applications and deck power supply.</p> <p>In addition to providing clean power, equipment that is required to be fed from uninterruptible power sources (UPS), the UPS must be designed to meet the installation and testing requirements for IEC 62040.</p> <p>The vessel(s) class approved operating methodology can include:</p> <ul style="list-style-type: none"> • <i>An open bus switchboard configuration with no cross connections (with relevant FMEA and Proving Trials)</i> <p>or</p> <ul style="list-style-type: none"> • <i>A closed bus configuration. (Which FMEA and proving trials includes a desk top analysis, including a discrimination study, and a live short circuit test and/or voltage dip ride through test to prove it can isolate the fault to one switchboard and not exceed the Worst-Case Failure Design Intent)</i> <p>Auto start configurations can be considered as approved by class and analyzed by an FMEA.</p>

OFFSHORE SUPPORT VESSELS – ATLANTIC REGION OPERATIONS TECHNICAL QUESTIONNAIRE AND GUIDANCE		
No.	Question / Requirement	Guidance and Criteria
3.9.2	Please provide the proposed vessel(s) ERN numbers or details of DP Capability	Provide, if assigned, the proposed vessel(s) Environmental Regularity Numbers and/or proposed vessel's DP capability plot(s) for both most redundant mode and vessels worst case failure design intent.
3.10	Please detail notation, outfit, and standard to which the proposed vessel(s) fall meet "comfort class" with respect to shipboard noise, air quality, accommodations etc.	The vessel is expected to, as a minimum, conform to IMO MSC 337(91) Code on noise levels on board ships and meet any requirements as detailed in the C-NLOPB standard (currently TOSH). Please provide general details regarding outfit and capabilities for conforming to a comfort notation considering: ventilation, noise, and vibration.
3.11	Please outline the environmental profile and environmental protection system and particulars of the proposed vessel(s).	<p>A Green Vessel Design with fuel efficient propulsion is anticipated. The vessel should have ability to process vessel sludge and have tank cleaning capabilities.</p> <p>Please provide details on expected fuel economies for all anticipated operating modes, including but not limited to:</p> <ul style="list-style-type: none"> • DP (Efficient) (Activity Specific) Task Appropriate Modes of Operation • DP (Most Redundant) Critical Activity Mode of Operation • Best Possible Speed (and anticipated speed) • Economical Speed (and anticipated speed) • Standby • Alongside <p>Please provide a profile of potential and expected vessel emissions.</p>
3.12	Is the proposed vessel(s) classed for and able to carry low flashpoint fuel (methanol) in bulk? Can this feature be retrofitted easily later in the vessels operating life?	Future operational requirements may require the carriage and transfer of methanol in bulk. While not a requirement, consideration will be given the ability to carry and transfer methanol as an option.

OFFSHORE SUPPORT VESSELS – ATLANTIC REGION OPERATIONS TECHNICAL QUESTIONNAIRE AND GUIDANCE		
No.	Question / Requirement	Guidance and Criteria
3.13	Please confirm the proposed vessel(s) are outfitted and classed for oil recovery. Please confirm underdeck tank capacity and ability to deliver dispersants/supply hydraulic power to the deck	Vessel to be outfitted and classed for oil recover with > 1,000 m ³ storage capacity (quantity can be adjusted to meet vessel design layout) including ability to discharge via ships pumping system. Dispersant storage capability is required and should be a minimum 6 M3 in Capacity. The vessel will also be required to be able to supply hydraulic power to the deck in support of oil recovery operations. In general, the proposed vessel must be able to supply hydraulic power to the deck spread, (210 BAR at 250l/min.) Additionally, an assortment of ISO locks on deck is required for the securing of Oil Recovery Equipment. Further details will be provided at the bid stage.
3.14.1	Are the vessel(s) proposed sister ships? Do the proposed vessels share common navigation, cargo, machinery, and/or propulsion systems or components	For operating efficiencies, consideration will be given to sister ships and/or ships that share common systems.
3.14.2	Has a simulator (Navigation and Control model) been developed or intended to be developed for the vessel(s)?	For information only, please provide any relevant details
4.1	Confirm the vessel(s) proposed have/has communications provisions as outlined in the guidance. Please provide details of anticipated system and its general capability	<p>Please provide details of anticipated system and its general capability. Communication capabilities should meet the following or equivalent specification:</p> <p>Vessel to Shore Communications; VSAT Satellite communications 1MB or better, dedicated SCPC. C-Band is preferable, KU-Band is acceptable. Alternate/backup data and phone communications. Ability to communicate over Wi-Fi with other Rigs/Vessel in close proximity or ability to add such a network.</p> <p>Vessel Onboard Network: Fiber optic backbone between main vessel locations (ie. Office space) with the ability to provide speeds of 1GB to the desktop is preferred. Rooms, offices and bridge wired back to a central location, climate controlled for network/server rack with a fiber connection to the backbone.</p> <p>Wireless network for mobile devices; Conference area with audio visual equipment and available network drops. Video conference equipment or the ability to add such. UHF and VHF base radios for Control Office as well as portable handheld.</p> <p>Exterior Cameras; Networked cameras are required in crucial points around the vessel and accessible via Ethernet network.</p>

OFFSHORE SUPPORT VESSELS – ATLANTIC REGION OPERATIONS TECHNICAL QUESTIONNAIRE AND GUIDANCE		
No.	Question / Requirement	Guidance and Criteria
4.2.1	Confirm the proposed vessel(s) design(s) can accommodate an additional through hull penetration that can support an additional HPR/Similar side scan transducer.	Proposed hull penetration is to support ice future management activities.
4.2.2	Confirm that proposed vessel(s) FiFi 2 system can provide water cannon (fire monitor) that can deliver 3600m ³ / hour to support ice management activities.	Location of proposed water cannon may vary and will be discussed in detail at the bid stage.
4.2.3	The proposed vessel(s) shall be equipped with an Ice Radar that interfaces with Husky Energy's Common Operating System.	Current radar utilized is the Rutter Sigma 6 Ice Radar
4.3	Please provide drawings (as applicable) and equipment summary including capacities of fitted or to be fitted iceberg net storage drum.	Vessel must have the ability to attach a floating hawser or ice berg tow net configuration around an iceberg to deflect an iceberg. Proposed vessels(s) must be fitted with motorized storage reels capable of storing 1200 meters of 8 inch tow rope and an ice berg tow net.
4.4	Confirm the vessel(s) proposed is/are equipped with Nautical Controls FuelTrax or equivalent fuel monitoring system that is compatible.	Vessel supplier must be able to show compatibility to Nautical Control FuelTrax data management system.
4.5	Confirm or provide details if proposed vessel(s) (based on precedent) can achieve a MTRB decision for the transportation of offshore workers.	MTRB is the Marine Transportation Review Board in Canada. A submission/approval will be required for the transportation of offshore workers; capacity shall be equal to statutory complement less the crew, please see note below concerning additional berth capacity.
4.6	Please confirm total number of berths available on the vessel(s) for ice season down staffing and the methodology used to come to this number.	<p>The proposed vessel(s) shall have a minimum berth capacity for 40 persons plus crew. Vessels should have capacity flexibility and regulatory approval to increase that to meet a down staffing requirement.</p> <p>The vessel(s) must support a platform down staffing of 144 persons (in addition to any crew or supernumeraries) for short duration stays. While varying concepts of achieving this down staffing will be considered, in general a split of this number between any two (2) vessels is anticipated. Indicatively, this would be greater than or equal to 72 persons + crew on any two vessels within the proposed fleet(s).</p>

OFFSHORE SUPPORT VESSELS – ATLANTIC REGION OPERATIONS TECHNICAL QUESTIONNAIRE AND GUIDANCE		
No.	Question / Requirement	Guidance and Criteria
4.7.1	Confirm vessel design can integrate a walk to work transfer system capable of servicing an airgap of up to 32.5 m.	<p>Provide planned vessel modifications to support a Walk to Work system. It is anticipated that this system will be installed on one vessel within the fleet with full supporting platforms (plug and play) on at least another two vessel(s) to allow for quick mobilization and fleet continuity during dockings, unplanned breakdowns, etc...</p> <p>This includes power, structural requirements, and inherent design to ensure deck operations are not impaired by the outfit and ensure maximum transfer system workability. The proposed vessel must have the required clean electrical power to meet system requirements and not affect station keeping ability and DP configuration. The system will require redundant power sources.</p> <p>The operational target is sea heights greater than or equal to 4.5m hs. Please provide: The vessel's GA with proposed structural modifications and a review of potential workability issues for AH, towing and deck operations. Environmental workability of the system(s) will be assessed at the bid stage.</p>
4.7.2	Please provide details of how a Walk to Work system can be shared between vessels, including rapid mobilizations and demobilizations between proposed vessels.	Please consider the method, equipment requirements (including craneage), and time required for system mobilizations and demobilizations and how this can be achieved both locally and efficiently.
4.8	Provide options (as applicable) for the outfit and provision of a daughter craft that can support close standby, dual standby duties.	Husky energy is considering the use of a daughter craft incorporated in the vessel design to support close standby/ dual standby duties. Please provide any operational history the responding company may have will daughter craft and outfit. Provide options (as applicable) for the outfit and provision of a daughter craft that can support close standby, dual standby duties.
4.9	Deck Power	Generator configuration to supply clean power to the deck spread while maintaining full Class 2 DP status. This to support future installs/reefers and activities, details and capacities will be discussed in the bid stage.

9. Canada-Newfoundland and Labrador Benefits Compliance
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Husky Energy strongly supports providing opportunities to Canadian and in particular Newfoundland and Labrador companies and individuals, on a commercially competitive basis.

Yes No

Does your company have an office in Newfoundland and Labrador?

Yes No

Will this contract be managed in Newfoundland and Labrador?

Yes No

Does your company agree to comply with requirements of Husky Energy or any governmental authority with respect to benefits, to comply with all applicable guidelines of the Husky Energy and to comply with all benefits commitments made in the contract?

Yes No

Identify ownership of the company.

% NL %CAN % INTL

Does your company have policies and initiatives to promote technology transfer to local and Canadian companies? If yes, briefly describe.

Yes No

Does your company have an R&D program? If yes, briefly describe recent R&D initiatives.

Yes No

Describe your company's philosophy regarding human resources planning and employment with respect to Canada-NL benefits.

Does your company have a training program? If yes, briefly describe policies and initiatives for development and training of NL and Canadian employees.

Yes No

Does your company have a procedure for identifying and informing NL and Canadian suppliers of goods and services of opportunities related to the Contractor's contracts? If yes, briefly describe.

Yes No

Does your company have a Diversity Plan or Diversity Policy in place? If yes, briefly describe.

Yes No

Please describe any plants, facilities or manufacturing capabilities that you have in Newfoundland and Labrador.

Please indicate the number of personnel located in NL, other places in Canada and in a foreign location that would be available to work on the potential scope (i.e. how many people in each location would have the potential to be involved in execution of the work scope). Only an estimate is required for this stage of evaluation.

<i># of personnel in NL</i>	<i># of personnel in the rest of Canada</i>	<i># of personnel in a foreign location</i>

Supplier Diversity

As part of our White Rose Diversity Plan, Husky Energy is collecting data on businesses owned and operated by members of designated groups (women, Aboriginal peoples, persons with disabilities, and members of visible minorities). Responding to the following questions is voluntary and will help us to better understand the diverse makeup of our supply chain. All information provided will be kept confidential by Husky and will be used only to assist us in ensuring that information related to procurement opportunities is appropriately targeted to diverse business owners.

1) Is your business 51% or more owned, managed and controlled by one of the following groups? Please check all that apply.

- Women
- Aboriginal peoples
- Persons with disabilities
- Visible minorities
- None

2) Is your business currently certified with a national certifying organization(s)? Please check all that apply and provide applicable certification number.

- CAMSC Certification #: _____
- WEConnect International Certification #: _____
- WBE Canada Certification #: _____
- Other, please specify: _____
Certification #: _____
- None

3) Is your business currently a member of a supplier organization/association? Please check all that apply.

- NLOWE
- Noia
- St. John's Board of Trade
- Other, please specify: _____
- None

10. Attachments

Please indicate all attachments:

No.	Attachment	Yes/No
1.	Certificate of Incorporation.	
2.	Declaration of Residency.	
3.	Certified 3 rd Party Financial Statements.	
4.	Facilities & Infrastructure photographs/drawings.	
5.	Copy of Organization Chart (with names) for personnel supporting the contract scope of work.	
6.	A written statement indicating that there are no outstanding HSE charges, stop work orders or regulatory violations against your company.	
7.	A written statement indicating there are no outstanding non-conformances or audit action plans stemming from a Husky conducted Health, Safety, Environment and Quality supplier audit.	
8.	Copy of the most recent customer satisfaction survey relating to customer perceptions and customer satisfaction.	
9.	Is a Certificate of Clearance from the provincial Workplace Health, Safety and Compensation Commission (WHSCC) available upon request by Husky? (Note: The Workplace Health, Safety and Compensation Act requires all employers performing work in Newfoundland and Labrador to register with the Commission. Source: http://www.whsc.nf.ca/employers/Emp_RegisteringYourBusiness.whsc .	

11. Additional Comments

Sample Declaration of Residency

Vendor represents that * _____ for Canadian Income tax purposes

** **is** a resident of Canada

is not a resident of Canada

Furthermore, we attach a **Certificate of Incorporation** and undertake to immediately inform Husky Oil Operations Limited of any future change in our company's tax status.

Name: _____

Title: _____

Signature: _____

Date: _____

* (please include complete entity name)

** (please check as appropriate)