**Technical Questionnaire**

**Expression of Interest Project #044162**

**Supply of Offshore Environmental Effects Monitoring and Consulting Services**

1. Identify the Management System(s) to be used in executing the Work and provide a brief point-form list of key elements applicable to the Work. Is this system currently in place or to be developed? Provide emphasis on risk management processes including hazard identification, reporting and mitigations.
2. Demonstrate your experience and understanding of the effects, environmental risks and regulatory requirements associated with discharge of all offshore oil and gas drilling and production waste with emphasis on the primary wastes.
3. The Hibernia and Hebron EEM programs utilize laboratory bioassays as the primary monitoring tool for identification of minor and major biological effects; namely the amphipod acute lethality test (EPS/1/RM/26) and the juvenile polychaete laboratory growth bio-assay (interpretation as per amphipod protocols), as prescribed by Environment Canada. The Hebron EEM also included use of a benthic community structure analysis. A sound understanding of the test protocols is necessary to interpret the data generated. Briefly demonstrate your background, experience and knowledge with respect to the application of these monitoring tools. Briefly describe the resources to be used to conduct the tests and interpret results.
4. The contractor will be required to supply a vessel to collect American plaice (and other organisms as required) offshore in 80-150 m of water. Describe options available to supply such a vessel. Describe experience in sampling marine sediments followed by emphasis on hazards and mitigations.