EXPRESSION OF INTEREST (EOI)

Reference: Hebron Development Gravity Based Structure - 2012 Geotechnical Survey
BIDS Categories: 9120, 9140, 9300
Issue Date: July 20, 2011
Closing Date: August 2, 2011 2:00 p.m. NL Time

Overview:

ExxonMobil Canada Properties, a partnership (EMCP), is seeking companies who can conduct a marine geotechnical drilling and sampling program, including data acquisition, in-situ testing, onshore laboratory analysis and reporting in support of the Hebron Development Project, offshore Newfoundland and Labrador, Canada..

There is no guaranteed minimum amount of work.

Canada-Newfoundland and Labrador Benefits:

EMCP strongly supports providing opportunities to Canadian and, in particular, Newfoundland and Labrador companies and individuals on a commercially competitive basis. Vendors expressing interest in providing services or materials, if they are selected to bid, will be required to complete a Canada / Newfoundland and Labrador Benefits Questionnaire at the Invitation to Tender (ITT) Stage.

Diversity:

Consistent with our commitments as outlined in our Diversity Plan, EMCP encourages the participation of members of designated groups, and corporations or cooperatives owned by them, in the supply of goods and services.

Scope of Work – Overview:

The objective of this project is to acquire fit-for-purpose geotechnical data to support the design of a proposed Gravity Based Structure (GBS) and planned development drilling, as outlined in the following general scope of work:

- Drilling of one (1) to two (2) boreholes at or near the proposed location of the Hebron GBS to target depths up to 200 m below mudline (BML).
- Obtain from each bore-hole the following dataset:
  - High-quality soil samples at the critical interval of 130 – 170 m BML for the purposes of identifying specific soil types at these depths.
  - Soil strength determination at 10 m intervals across the critical interval of 130 – 170 m BML.
  - Initial soil strength analysis shall be obtained by deploying a downhole Piezo-Cone Penetrometer (PCPT) tool for the purposes of performing penetration tests at or about the critical depth intervals of 130 m, 140 m, 150 m, 160 m, and 170 m BML. Umbilical or remove memory unity PCPT tool are acceptable.
  - Additional soil strength determinations shall be obtained by advancing the boreholes to the specified depth and then deploying double packer assemblies that will permit generation of hydrostatic pressure (packer tool). Hydrostatic pressure shall be generated to sufficiently reach and exceed the failure point of the soils. These tests shall be performed at or about the critical depth intervals of 130 m, 140 m, 150 m, 160 m, and 170 m BML.
  - Pressure data shall be captured at the surface in real time to identify point of failure.

- Provide analysis of the soil data obtained, including onshore laboratory testing, to identify soil types along the cored interval.
- Provide analysis of the pressure data obtained and conclusions regarding soil strengths and fracture pressures at intervals tested.
- Provide written and digital versions of Job Report(s) supported by oral presentation of the tools, assemblies, and procedures employed in the execution of the work as well as the data obtained, analyses conducted, and conclusions reached regarding the soil strengths at the depths specified.
- Due to variability of the soils within the region, preliminary analysis will be required prior to departure of vessel from site to provide an initial assessment of soils strengths and soil types. Based upon initial results, an additional third borehole not to exceed 200 m BML may be required to ensure adequate data are collected to satisfy the needs of the Hebron Drilling Program.
- Field operations are expected to take place during late June – early July of 2012.
- Optional In-situ Soil Testing
    - Drill three (3) to five (5) shallow soil borings and obtain downhole CPT using wireline methods between the seafloor and 10 m depth. Note that these optional shallow soil borings are all located within the GBS footprint.
    - During the drilling of one of the deep (~200 m) soil borings (or in a separate bore hole) obtain soil samples in each clay strata down to 130 m and then nearly continuous P-S Suspension Logger test (or comparable tool) data from ~170 m BML to seabed.
    - Process data from the additional tests as close to “real time” as possible.

The above Scope of Work is only an overview. A detailed Scope of Work will be provided as part of the bid package associated with this Expression of Interest.

While not planned, it should be noted that the resulting contract may be shared with, or assigned to, other operators in the areas, project partners or affiliated companies.

Vendor Qualifications:

Responding vendors must be qualified and experienced at performing the required work as outlined in the Scope of Work – Overview in environmental conditions similar to offshore northeast Canada.

Additionally, the selected vendor will be required to meet all technical and Safety, Security, Health, and Environmental (SSH&E) specifications and safe work practices of ExxonMobil and its affiliates as appropriate.

All vendors responding must have resources necessary to effectively execute the above Scope of Work and, in addition, well-documented experience in geotechnical data acquisition, including hydrostatic pressure testing, and associated onshore laboratory analyses.

A Pre-Qualification review will be undertaken upon review of the responses to the Expression of Interest.

Submission Requirements:

This Expression of Interest is not a pre-qualification of vendors for other EMCP /Hebron work but is limited to the scope aforementioned. Participation in this Expression of Interest, including any statements whether oral or written between EMCP and your company shall not create or be deemed to create any binding legal relationship or contract, or be construed to do so between EMCP and your company. All costs associated with the preparation of your response to this Expression of Interest shall be at your expense.

Finally, it should be clearly understood that this Expression of Interest may or may not result in the issuance of an ITT and may or may not result in the award of a contract. Further, it should be clearly understood that if you respond to this Expression of Interest and your company is selected to be on the bidders list that your company name and contact information may be posted on public websites. Similarly, if you are selected for award, the same information may also be posted indicating that the work has been awarded to your company.

Responses to the EOI must be submitted electronically by the closing date to the following email address:

judy.v.edwards@exxonmobil.com

Subject Line: "**2012 Geotechnical Survey EOI"**

All information to be provided in English.

Responding vendors, if they have not already done so, must register their companies by contacting BIDS at:

Phone: (709) 738-6500
1-800-397-0393
Fax: (709) 738-7015
E-mail: bids@nfld.net