

LC-SB-018

Provision of Third Party Equipment, Manufacturing, Supply & Installation Surveillance Service

Scope of Work Summary:

The Work is for the provision of third party surveillance services relative to submarine cables for Marine Crossings portion of LCP.

The scope of work includes but is not limited to services related to the following work scopes:

- **High Voltage direct current (HVdc) cables and associated accessories:** design and manufacture of submarine cables and accessory spares, cable terminations, jointing operations, cathodic protection equipment, spare cable turntable/reel, cable installation and pull-in, pre-commissioning and commissioning.
- **Horizontal Directional Drilling (HDD):** drill pipe, casing, liners, mud motors, drill bits and other mechanical equipment, HDD exit and borehole preparation, HDD exit interface.
- **Subsea Rock Supply & Installation:** rock crushing, grading, stockpiling, vessel loading and placement operations, ROV inspections, survey.

At a minimum the activities to be undertaken on behalf of Company include:

- Carry out audits as requested.
- Attendance at pre-production meetings.
- Monitoring of engineering.
- Design validation
- Input into sub-supplier surveillance programs.
- Monitoring of manufacture process through Inspection & Test Plans (ITP).
- Resident inspection services.
- Witness testing at manufacturing facility.
- Attendance at Factory Acceptance Testing (FAT) and Site Integration Tests (SITs).
- Final equipment acceptance.
- Ensure that required delivery dates are respected and met.
- Materials control and expediting.
- Offshore cable installation
- Pre-commissioning and commissioning witness testing.
- As-built review
- Management of documentation.

Vendors responding to this expression of interest must have experience in developing and executing inspection and surveillance programs for cable design, manufacture, construction, inspection, testing, delivery and installation, storage, preservation, pre-commissioning and commissioning.