Q. **Reference: Bay d'Espoir Unit B**

Application, Paragraph 8. In relation to Bay d'Espoir Unit 8:

(a) Describe the role of the original equipment manufacturer ("OEM").

(b) Has the OEM been identified and if so, who is the OEM?

(c) Will the OEM be allowed to bid on any part of the 2025 Build Application?

(d) Has Hydro engaged or plan to engage any other consulting resources in addition to the OEM and EPCM to support the Early Execution Capital Work?

A. **(a)** The original equipment manufacturer's ("OEM") scope of work includes all design, manufacturing, installation, and commissioning activities necessary for the supply of the hydroelectric turbine-generator unit which will consist of the following components:

- Turbine Runner;
- Generator including:
    a. Rotor;
    b. Stator;
    c. Generator fire detection and protection system;
    d. Excitation system;
    e. Governor;
    f. Air admission system;
    g. Cooling water system;
    h. Unit protection and control system;
    i. Auxiliary mechanical and electrical equipment located within the unit; and
    j. All components required to equip the unit with synchronous condenser capabilities.

The OEM plays a critical role in ensuring that the unit is delivered to specification, integrated with existing infrastructure, and capable of meeting long-term performance, safety, and reliability requirements.

(b) Newfoundland and Labrador Hydro ("Hydro") has initiated the process to identify and evaluate suitable OEMs through the issuance of a Request for Supplier Qualification ("RFSQ") on April 1, 2025. The RFSQ is a procurement process designed to assess the interest, technical capability, experience, and financial capability of prospective OEMs prior to inviting formal proposals through a Request for Proposals ("RFP"). This pre-qualification process acts as a filtering mechanism to help ensure that only competent and qualified OEMs continue through the formal procurement process.

(c) OEMs will be eligible to submit a proposal on any part of the 2025 Build Application scope if:

a) The bid is publicly advertised on Hydro's website; and

b) There are no conflicts of interest that would preclude them from bidding, and there is nothing in the *Public Procurement Act* framework (including the *Act*, Regulations and Public Procurement Agency policies), that would preclude them from bidding.

(d) The OEM and the Engineering Procurement Construction Management ("EPCM") consultant will be the primary resources to support the Early Execution Capital Work; however, in parallel with the procurement process for the OEM and EPCM service contracts, Hydro plans to work with other specialized consulting firms to support the advancement of Early Execution Capital Work. These smaller engagements are scoped to provide targeted technical input and are expected to be of limited duration and scale. Examples include:

- Preparation of the performance specification for the turbine-generator unit to be used in the procurement process.
- Completion of a Blast and Vibration Assessment intended to provide an understanding of risks associated with the blasting activities and act as the basis for subsequent design work and reviews with respect to blasting. This study would provide recommendations for permissible vibration limits, infrastructure monitoring requirements, and potential impacts to nearby existing infrastructure.

- Preparation of the Environmental Assessment Registration and Environmental Protection Plans. This item is a continuation of work started during Front-end Planning.