

# NextBridge Infrastructure LP

## East-West Tie Transmission Project Environmental Services RFP

### Appendix A - Scope of Work, 5/29/2019 Update

#### Background

NextBridge Infrastructure LP (“Purchaser”) is proposing to construct, own, and maintain the East-West Tie Transmission Project (the Project or undertaking, also referred to as the “New East-West Tie Line”). The proposed new East-West Tie Transmission Project (EWT) will consist of the installation of a double-circuit 450 km 230 kilovolt (kV) transmission line generally paralleling the existing double-circuit 230 kV transmission corridor (the existing East-West Tie) connecting the Wawa Transformer Station (TS) to the Lakehead TS near Thunder Bay, with a connection approximately mid-way at the Marathon TS. The proposed project generally parallels the existing East-West Tie transmission corridor but avoids some sensitive features crossed by the existing line, including Pukaskwa National Park. The proposed right-of-way (cleared area) for the project is expected to be up to 64 m (210 ft) wide.

Project construction is expected to take approximately 26 months. Temporary and permanent access roads will be required for construction, operation and maintenance. Temporary storage yards, construction offices, laydown yards and construction camps will also be required.

#### Scope Details

Purchaser submitted an Amended Environmental Assessment (EA) to the Ministry of the Environment (MOE), Conservation and Parks on February 16, 2018. The MOE approved the Amended EA through a Notice of Approval received March 21, 2019. The amended EA and all attachments can be accessed via the following web link

<http://www.nextbridge.ca/archived-documents>

Additional environmental due diligence and permits completed by the Purchaser and their Construction Contractor would be provided to the selected consultant (Supplier) once they are obtained, and after award of the RFP.

#### Task 1:

##### Pre-Construction Planning

- 1.1 Participate in pre-construction planning sessions with Purchaser and the Construction Contractor to review permit conditions, environmental timing constraints, and field construction logistics coordination in relation to the construction schedule
- 1.2 Complete a pole by pole and access route field review with the Construction Contractor during pre-construction surveying

- 1.3 Coordinate with all parties on mitigating species specific issues based on construction permitting and implementation
- 1.4 Develop an environmental constraints and awareness map book which outlines all areas of concern and any associated requirements
- 1.5 Develop training materials and deliver project-specific environmental training to the Construction Contractor and Subcontractors (e.g. Species at Risk (SAR), overview of permit requirements and timing windows)

**Task 2:**

**Development and Maintenance of an Environmental Compliance Tracking System (ECTS)**

- 2.1 Develop an ECTS framework based on EA, community agreements, and permit commitments and conditions
- 2.2 Develop and update the mitigation matrix as new permits and approvals are issued, in order to track compliance and reporting requirements
- 2.3 Develop environmental monitoring field checklists and event forms, including any required status reports, based on the monitoring and reporting requirements and frequencies specified in the Project's environmental permits

**Task 3:**

**Environmental Compliance Support**

- 3.1 The Supplier will provide four full-time consultants:
  - 3.1.1 Three full time environmental compliance specialists.
  - 3.1.2 One full time cultural specialist who will also work with designated Indigenous Facilitators assigned by the local communities to observe construction activities.
- 3.2 Each consultant shall have the flexibility to travel between all sections as needed.
- 3.3 The Supplier shall designate one of the three full-time environmental compliance specialists as NextEra's lead onsite environmental construction project coordinator who will focus on the following:
  - 3.3.1 Work with the overall project manager and Suppliers to ensure that all environmental, ecological, and archeological requirements are adhered to throughout the duration of construction.
  - 3.3.2 Work with NEER Environmental Services Lead to coordinate, attend, and facilitate all meetings with the required environmental, ecological, and archeological agencies to ensure that the project adheres the proposed schedule and budget. *Note: The NEER Environmental Services Lead is a NextEra employee focused on construction compliance support for the project. Their role is to assist our Engineering and Construction Department in maintaining compliance with all permit conditions and environmental regulations.*
  - 3.3.3 Report all potential environmental, ecological, and archeological construction related issues to the overall construction project manager and to the NEER Environmental Services Lead, and recommend solutions to ensure the project remains on budget and schedule.

- 3.3.4 Support the overall project manager and Purchaser Environmental Services Lead to facilitate the plans of action as it relates to any environmental, ecological, and archeological issues.
- 3.3.5 Monitor the Construction Contractor's daily construction work to ensure that the project is not susceptible to any environmental, ecological, or archeological related delays. *Note: The Construction Contractor will provide full-time onsite environmental inspections.*
- 3.4 The Supplier will provide assistance with any permit amendments (as required).
- 3.5 The Supplier will participate in regular compliance meetings as requested and follow-up on any outstanding compliance items.
- 3.6 Provide additional environmental awareness training to new employees/Suppliers as needed. *Note: Initial training to the majority of the workforce will be provided by the Construction Contractor.*
- 3.7 Work with designated Indigenous Facilitators assigned by the local communities to observe activities. The Supplier shall direct their onsite environmental construction project coordinator(s) to work with the local Indigenous facilitators on the following:
  - 3.7.1 Respond to Indigenous facilitators' questions.
  - 3.7.2 Meet the Indigenous facilitators' (maximum of 3 at any given time) at the Construction Contractor's daily morning meetings.
  - 3.7.3 Escort the Indigenous facilitators (maximum of 3 at any given time) from the daily morning meeting onto the worksite.
  - 3.7.4 Allow the Indigenous facilitators to shadow their daily activity in the field as needed.

### **Project Deliverables and Schedule**

- Be available for start of construction on July 1, 2019
- Based on reviewing the Construction Contractor's daily reports and by monitoring compliance in the field, develop and provide weekly inspection reports for the duration of the project
- Attend any project calls as needed