

DISCLAIMER

TERMS OF USE: This document is being provided by Hydro One Networks Inc. ("Hydro One") to the party to whom it is being provided ("the Requestor") because the Requestor asked Hydro One to do so. The Requestor's acceptance of this document is the Requestor's acknowledgment and agreement that: (a) Hydro One makes no representations or warranties (express, implied, statutory or otherwise) as to this document or its contents, including, without limitation, the accuracy or completeness of the information therein; (b) the Requestor's employees, directors and agents (the "Representatives") shall be responsible for their respective use of the document and any conclusions derived from its contents; (c) Hydro One will not be liable for any damages resulting from or in any way related to the reliance on, acceptance or use of the document or its contents by the Requestor or its Representatives; and (d) neither the Requestor nor its Representatives will provide this document or any of its contents to any third party.

All costing information contained in this document are preliminary and were prepared for option assessment purposes only.

EAST WEST TIE SOCIO-ECONOMIC WORK PLAN

As described in the East-West Tie Environmental Assessment Scope of Work for Consulting Services, SENES is responsible for the socio-economic impact assessment and associated activities. SENES will prepare the socio-economic, and cultural and heritage sections of the ToR and EA document, conduct socio-economic studies, assist in conducting public information centres (PICs) on socio-economic matters and work in co-operation with Stantec and Dillon to achieve project milestones.

Hydro One identified the desired SENES team for the East-West Tie socio-economic study in a letter dated December 4th, 2009. As indicated in the letter, [REDACTED] will be the EA Advisor, [REDACTED] will be the Project Manager and [REDACTED] will be the Socio-Economic Lead. SENES is proposing that [REDACTED] be considered an alternate for [REDACTED] during short-term absences (e.g., vacation).

A sub consultant will be retained to conduct the required cultural and heritage work.

This work plan summarizes a series of tasks related to the socio-economic analysis for the project. This scope of work relates to a line from Wawa to Nipigon SS and does not address the possibility of the line being extended into Thunder Bay.

The socio-economic component of the proposed project can be divided into four main task areas:

- Task 1: Pre-EA Work;
- Task 2: Terms of Reference;
- Task 3: Environmental Assessment; and
- Task 4: General Support.

The sub-tasks required to complete each of the above task areas are described below.

TASK 1: PRE-EA WORK

1.1 Kick-off Meeting

[REDACTED] and [REDACTED] will meet with Hydro One at the onset of the project to resolve the final scope of work, project description, assignment of tasks, milestone events, schedule for progress meetings and billing matters.

TASK 2: SOCIO-ECONOMIC COMPONENTS OF THE TERMS OF REFERENCE (TOR)

The following sub-tasks describe the work plan for the preparation of the socio-economic component of the ToR.

2.1 Define, Collect, Organize and Map Socio-Economic Data

The ToR will include a plan for data collection, including primary and secondary data. Hydro One will provide a handbook outlining the types of information required and where the information can be found. The data will be organized according to basic factor groups traditionally used by Hydro One. The factors relevant to the socio-economic study include forestry, land-use and human settlement, recreation, mineral resources and mining and aesthetics.

The preliminary socio-economic study plan for the ToR will be a direct copy from the Bruce x Milton ToR. The information from Bruce x Milton will be reworked to reflect differences with the East x West project.

The socio-economic environment work will be fairly focused as the new line is parallel to the existing line. Should other alternatives be explored, the scope of the socio-economic data collection will be expanded appropriately and any costs associated with this change considered additional to this scope of work

Initial data collection would include residences, land ownership, settlement areas, crown leased land, rural residences and cottaging areas, trapper cabins, existing transmission lines, natural gas pipelines, communication towers, utility sites, tourism establishment areas, trail segments, camp recreation, designated canoe routes, campsites, portages, tourism water bodies, snowmobile trails, active mines, active mine claims, pending mine claims, views of major remote lakes, viewsheds of Lake Superior, scenic points and vistas (the visual landscape assessment will be conducted by Hydro One and incorporated into this study).

Some of the key socio-economic environment issues will include:

- While the Superior Coast is not highly populated, there is more private land along the Coast than in other parts of Northern Ontario such as where the proposed NWTEP Project is occurring. This may result in the need for property takings.
- There are a large number of tourism and recreation interests along the Coast that may view the project as a negative impact on their operations (e.g. TransCanada Trail and the Terry Fox Monument).
- The proposed line will result in a small loss of the forested land base for the forest licence holders along the coast.

Data collection activities shall include literature searches, public consultation results, land use surveys, regulatory requirements, etc. Some of the required data will need to be collected for and used in the ToR.

The main purpose of the data collection during the ToR is to establish a baseline in sufficient detail to enable the assessment of potential socio-economic effects of the project. Another purpose of the data collection is to identify data gaps, which will need to be addressed by further research and field studies during the EA process.

2.2 Preparation of Socio-Economic and Cultural Heritage Sections of ToR

SENES will prepare the socio-economic, and cultural and heritage sections of the ToR and provide to Stantec for inclusion in the ToR document. These sections will outline how the socio-economic and cultural heritage studies will be carried out through the EA process.

2.3 Develop Route and/or Site Selection Criteria

In the EA, net effects will be assessed using socio-economic criteria and indicators (e.g. landowner effects and the number of displacements, if any). Criteria and indicators will be established in the ToR through collaboration with Hydro One. This will assist in identifying further data requirements for the EA document.

TASK 3: ENVIRONMENTAL ASSESSMENT

The EA Document will summarize the socio-economic work done during the EA process for the project. According to the MOE *Code of Practice for Preparing and Reviewing Environmental Assessments in Ontario*, EA's allow for systematic evaluation of the potential environmental effects (both positive and negative) of a proposed project and alternatives. Key features of a strong EA document include timeliness, clarity, internal consistency, transparency, use of best available information and appropriate level of detail. In particular, because of the complex, multidisciplinary nature of the project, it is important to demonstrate a clear link between the various EA document sections and the conclusions reached in the EA document.

Due to the current alignment through Pukaskwa National Park, there is a high likelihood that a CEAA screening or comprehensive study will be required if the preferred route parallels the existing right-of-way. SENES will support Hydro One in preparing the socio-economic components of any required CEAA documentation. Since CEAA requirements are unknown at the time of submission of this work plan, the associated activities and costs have not been accounted for and will be considered additional to this workplan, if required.

3.1 Socio-Economic Field Work

Field data will be used in the EA to assess both the existing socio-economic environment and potential effects of the proposed project. Fieldwork will include aerial and windshield surveys of the proposed route and gathering of information from MNR district offices. Before collecting field data, SENES will develop or refine the socio-economic assessment criteria and indicators.

Data collection will be required from FN&M groups to document traditional land use, compile point data of FN&M values to develop a clear description of the communities. As outlined in the scope of work provided to SENES, data collection from FN&M is not included in this work plan and budget. It is understood that all FN information will be provided by HO as required to complete the socio-economic component

An archaeological study will be undertaken to assess cultural values within the study area. As with past projects, SENES assumes that Hydro One will conduct the necessary archaeological studies.

A background historical study will be undertaken of the municipalities along the transmission route to describe their development history as it relates to the transmission route. Background research and field review will be conducted to document built heritage and cultural landscape resources that could potentially be affected by the project. Based on preliminary discussions with [REDACTED], a cost of [REDACTED] for the cultural heritage study is estimated. This cost is based on the scope of work conducted for the Bruce x Milton project and the assumption that this project will parallel the existing transmission corridor and a western termination point near the Town of Nipigon. Should any of these assumptions change, estimated costs for the cultural heritage study will be adjusted accordingly.

A visual landscape assessment will be conducted by Hydro One. SENES will incorporate the results of this assessment into the socio-economic sections of the EA.

3.2 Evaluate Alternatives

At the time of preparation of this work plan, there appears to be only one viable route proposed (parallel to the existing transmission right of way). No alternative routes or route refinements have been identified. Therefore, this work plan is written for the single proposed route. If alternative routes or route refinements are investigated in detail, then the potential effect on socio-economic constraints, such as crossing Pukaskwa National Park and First Nations Reserves will need to be re-considered. If a greenfield route around Pukaskwa National Park is considered the costs associated with this task will need to be reconsidered.

3.3 Select Preferred Alternative

Based on the assessment of socio-economic factors conducted through the EA process, SENES will work with Hydro One, Stantec and Dillon to select a preferred alternative that minimizes overall effects and maximizes project benefits. At this point, support for the reference route.

3.4 Compile Socio-Economic and Cultural Heritage Information for the EA

SENES has vast experience producing EA documents that are clear, transparent and thorough. For the socio-economic sections of the EA Document, SENES will document the plans, work and results related to socio-economic factors. In order to demonstrate that the EA meets the ToR requirements, SENES will prepare a cross-reference disposition table, indicating how and where each socio-economic requirement is addressed in the EA document.

Task 4: General Support

4.1 OEB Application

During preparation of the ToR, SENES will assist Hydro One with OEB applications such as Early Access under Section 98 of the OEB Act or Leave to Construct under Section 92 of the OEB Act. Ideally, the application should be prepared during the ToR process.

4.2 Project Management - Bi-Weekly Progress Meetings

As outlined in a letter dated December 4th, 2009, the socio-economic lead will attend all bi-weekly meetings throughout the project period. These meeting will be either in person or by conference call.

4.3 Attend PIC's and Agency Workshops

SENES has been asked to only attend one (1) PIC (4th) and one (1) agency workshop. One member of the SENES team (assumed to be socio-economic lead or socio-economic support) will attend the PIC and agency workshop. The SENES representative will assist with the preparation of the socio-economic panels.

4.4 Support Hydro One, Stantec and Dillon as required

SENES will provide support to Hydro One and the consulting team as outlined in the scope of work for the socio-economic component of this project. This may include supporting work on the biodiversity initiative or assistance with obtaining necessary approvals.

Task	EA Advisor	Project Manager	Socio-Economic Lead	Socio-Economic Support	Word Processing	Total Days
Task 1: Pre-EA Work						
1.1						
Task 2: Terms of Reference - Socio-Economic						
2.1						
2.2						
2.3						
Task 3: Environmental Assessment - Socio-Economic						
3.1						
3.2						
3.3						
3.4						
Task 4: General Support						
4.1						
4.2						
4.3						
4.4						
-						
-						
-						
-						
-						
-						
-						
-						

Any time and expense for any of the tasks, in addition to the allotted time in this budget, will not be undertaken until written approval from Hydro One is received

EXPENSE ITEM	COST	TOTAL
Purchase of GIS Shape Files and other data from Agencies/Munis		
EA - PIC #4 (1 SENES Staff - Socio-Economic Lead)		
4 Locations (Thunder Bay, Nipigon, Marathon, Wawa)		
Travel Time to and from Thunder Bay		
Flights		
Car Rental/Gas		
Hotel		
Agency Route Refinement Workshop (1 SENES Staff)		
Assume 1 location (Thunder Bay)		
Travel Time to and from Thunder Bay		
Flights		
Car Rental/Gas		
Hotel		
Agency Effects and Mitigation Workshop (1 SENES Staff)		
Assume 1 location (Thunder Bay)		
Travel Time to and from Thunder Bay		
Flights		
Car Rental/Gas		
Hotel		
Municipal Planners Information Meetings		
Meetings (Staffing 1 SENES Staff - SocioEconomic Lead):		
Flights		
Car Rental/Gas		
Hotel		
Meals		
Couriers and Misc.		

TOTAL

Helicopter for flyover will be provided by Hydro One.