

Autonomous Vehicle Innovation Network (AVIN) – WinterTech Development Program

PROPOSAL QUESTIONS

Instructions: Answer **all** questions carefully. Provide sufficient details for reviewers to assess the merit of the opportunity. If you want reviewers to consider supporting documentation, please refer to specific document titles in your answers below and upload these documents in the Attachment – Additional Supporting Documents section. Attachments must be brief.

OCE Office use only

APPLICATION DATA	
Project Title	«Project_Title»
Application Number	«Application_Number»

EXECUTIVE SUMMARY (MAX. 250 WORDS)

A. Please provide a high-level summary of the proposed winter weather related project.

A. (Type Here)

1: MARKET OPPORTUNITY & SOLUTION(S)

- A. What is the specific market opportunity that this project will address? Include suitable market research data.
- B. What innovative technological and/or business solution(s) will be developed, prototyped, and/or demonstrated through this project? Which severe winter weather condition(s) does it target or address? How will the solution(s) address the opportunity? Examples of severe winter weather include but are not limited to snow, freezing rain, hail, extreme cold, etc.
- C. What competitive advantages will be developed? Provide a competitive analysis.

Note: Provide market research and evidence as applicable.

A. (Type Here)

B. (Type Here)

C. (Type Here)

2: PARTNERSHIP

- A. Describe all project partners, including the applicant, their sector, business status and activities, their current products and services, and their Ontario operations.
- B. Describe their role in the project and what value will be created for each partner, including the applicant.

- A. (Type Here)
- B. (Type Here)

3: PROJECT PLAN, BUDGET JUSTIFICATION AND TEAM

- A. Outline project objectives and expected outcomes.
- B. Describe the project plan by explaining each Activity from the online module **Milestones** section. Activities should follow the SMART methodology: Specific, Measurable, Attainable, Responsible, and Timely.
- C. Identify project risks and mitigation strategies.
- D. Describe the project team and role of each team member. Identify personnel gaps and how they will be addressed.
- E. Where, when, and how will the technology/product/service validation, testing, demonstration and prototyping of mobility products and services in severe winter weather conditions take place?

In the online module **Budget Justification Section**, describe the project plan by taking each milestone from the Milestone Table and describing activities, including resources and expenses, to align the Budget Table.

INTERN(S)/FELLOW(S) DIRECTIONS: The below should only be considered a part of the proposal if the Applicant is requesting Intern(s) and/or Fellow(s) as part of the application. If no Intern(s) and/or Fellow(s) are being requested, please disregard the questions below.

- F. Describe why the Intern(s) and/or Fellow(s) is suitable for this project. Consider career goals and how the internship(s) and/or fellowship(s) may help achieve them; any relevant experience, positions, or achievements that demonstrate the Intern(s) and/or Fellow(s)' suitability to work on this project.
- G. Describe the extent of hands-on interaction the companies will offer the Intern(s) and/or Fellow(s), including the amount of time the Intern(s) and/or Fellow(s) will spend on-site or in the field with the company and/or any opportunities for hands-on interaction and/or mentorship.

- A. (Type Here)
- B. (Type Here)
- C. (Type Here)
- D. (Type Here)
- E. (Type Here)
- F. (Type Here)
- G. (Type Here)

4: RETURN ON INVESTMENT (ROI), COMMERCIALIZATION, AND IMPACT

- A. Following completion of the project, what is the commercialization plan? Identify any market barriers and plans to address. Describe activities, investments, and resources required to bring the solution(s) to market.
- B. Describe project-based economic, social and/or environmental (as applicable) benefits to Ontario over the next 5 years. Include details on new/improved products and services, sales increase, costs savings, exports, jobs created and retained, investment attraction, Intellectual Property creation, increased scale, sustainable competitive advantage, societal and environmental value (if applicable), etc.

A. (Type Here)

B. (Type Here)

5: NON-PROPRIETARY DATA AND INFORMATION OUTPUTS

A requirement of AVIN is to collect **non-proprietary** data and information about the products, services, and technologies supported by AVIN programs including their characteristics, performance, and external requirements. The protocol guiding the collection, sharing, and analysis of the data is referred to as the [AVIN Data and Information Sharing Protocol \(DISP\)](#).

Please confirm that you have read and agree to the [DISP](#)'s terms and conditions and that you will be able to provide a list of all the non-proprietary data and information elements identified in Appendix 1 of the protocol.

The data is essential to support the operation of the Ontario's C/AV ecosystem and to advance the development and adoption of C/AV technologies across Ontario's transportation system.

A. (Type Here)