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AI-generated content may be incorrect.

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| **Full Proposal Form** |
| Please complete all sections of this form. |

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| **1. APPLICANT INFORMATION**   1. **PROJECT LEADER**     **Name:**  **Title:**  **Organization:**  **Address:**  **Phone number: Email:**   1. **CO-INVESTIGATOR(S) & COLLABORATORS**  |  |  |  |  | | --- | --- | --- | --- | | **Name** | **Organization/Address** | **Phone number** | **E-mail** | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **2. PROJECT TITLE** Please provide a short but descriptive title for your research proposal. |
| **3. PROJECT SUMMARY** Please Include a brief description of the project in plain language, consisting of 2-3 sentences. |
| **4. PROJECT OBJECTIVES** Maximum ½ page - Describe the main and specific objectives of the project, indicating any research question(s) that the project intends to explore and answer.  **Purpose/ Goals:**  **Objectives:** |
| **SUBPROJECTS:**  If your project is divided into subprojects, please fill out the table below to clearly indicate the objectives each party (organizations/universities) is responsible for managing. If not, indicate N/A.   |  |  |  | | --- | --- | --- | | Objectives | Subprojects | Responsible parties (organizations/universities) | |  |  |  | |  |  |  | |  |  |  | |
| **5. PROBLEM STATEMENT AND BACKGROUND** Maximum 3 pages, excluding references. Provide a clear and concise statement of why the proposed research should be considered essential. Please include sufficient background information and literature review. If other work on this subject is being done, your application must show how your project will add value to that work. References may be included in this section.  **References:** |
| **6. PROPOSED RESEARCH AND METHODS** Maximum 4 pages, - Provide a detailed description of the methods you plan to apply along with expected commencement, duration and completion dates.   1. **Detailed Protocol** 2. **Expected Commencement Date:** 3. **Expected Completion Date:** 4. **Expected Deliverables:**   Please fill the tables below, using one table per researcher. Add as many tables as needed for your project.  **Table 1a)** **Research activities per researcher**  **Name:**  **Organization/University:**   |  |  |  |  | | --- | --- | --- | --- | | **Specific Objective/Subproject** | **Final Outputs/Deliverables** | **Milestone** | **Completion Date** | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  |   **Table 1b) Research activities per researcher**  **Name:**  **Organization/University:**   |  |  |  |  | | --- | --- | --- | --- | | **Specific Objective/Subproject** | **Final Outputs/Deliverables** | **Milestone** | **Completion Date** | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  |   **Table 1c)** **Research activities per researcher**  **Name:**  **Organization/University:**   |  |  |  |  | | --- | --- | --- | --- | | **Specific Objective/Subproject** | **Final Outputs/Deliverables** | **Milestone** | **Completion Date** | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **7. RESEARCH PRIORITIES** Identify which pork industry priority your project falls into (more than one option can be selected). [Click here to consult the National Pork Research Priorities for 2023-2028](https://667840fe-8fdd-4b2a-acb3-0387d1615b62.usrfiles.com/ugd/667840_5745df6477ab4adaa55249ec14c67c06.pdf).  ☐ 1. **Animal Care**  **☐ 2. Animal Health**  **☐ 3. Buildings & Equipment**  **☐ 4. Emerging Technologies & Other Research Areas**  **☐ 5. Environment & Climate Change**  **☐ 6. Feeding & Nutrition**  **☐ 7. Pork Quality & Food Safety** |
| **8.**  **IMPACT ON THE PORK INDUSTRY** Maximum one page - Clearly describe/quantify how pork producers, processors and other industry stakeholders will benefit from and be impacted by the outcomes of this project**.** When outlining the benefits and impacts, please include details on the following, if applicable:   * IMPACTS ON ENVIRONMENT & CLIMATE CHANGE – Indicate if your project will have any impacts on environment & climate change, and if so, what these impacts would be in terms of greenhouse gas emission reduction, carbon sequestration, soil health, water/air quality, etc. * IMPACTS ON SECTOR RESILIENCE AND SOCIETAL CHANGES - Describe the impacts that your project will have on improving sector resilience in response to market, societal and other pressures. This may include areas such as: antimicrobial resistance, animal health and welfare, food security, AI and Big Data in agriculture, etc. * IMPACTS ON ECONOMIC GROWTH – Describe how your project will have an impact on the economic growth and development of the pork industry. Consider factors such as increasing value-added domestic/export sales of products, developing emerging technologies that address labour challenges, increasing productivity, and improving energy use, etc. |
| **9. PRODUCTS, PRACTICES OR PROCESSES TO BE DEVELOPED** Maximum ½ page - Clearly describe any products, practices or processes to be developed. If this work is a continuation of work from previous research programs, please include that information here and describe the need to continue this work. |
| **10. TRAINING OF HIGHLY QUALIFIED PERSONNEL (HQP)** Maximum ½ page - Highlight any opportunities for enhanced training of HQP. Indicate the number of graduate students and postdoctoral fellows which will be trained during the project, as well as any summer students. |
| **11. STRATEGIES TO ACCELERATE KNOWLEDGE TRANSFER** Maximum ½ page - Describe tangible knowledge transfer strategies that will be used to accelerate the adoption of research results. |
| **12. COMMERCIALIZATION** Maximum ½ page - Describe any plans and projected timelines for commercial adoption or uptake of project deliverables if applicable. |
| **13. INTELLECTUAL PROPERTY (IP) RELATED TO THIS PROJECT** Maximum 1 page   * Identify if this project will build on or make use of background IP (i.e. IP owned by or licensed to a third party). * Disclose any legal authority (permits, agreements, etc.) granted by said third to use the IP. * Describe any new foreground IP to be developed and explain how it will be protected (i.e. patents, trade secrets, plant breeders’ rights, trademarks, etc.) * Explain how the foreground IP will be commercialized and/or describe licensing strategies. |
| **14. RISK IDENTIFICATION AND MITIGATION** Maximum 1 page - Identify any risks associated with this project. Please provide an explanation of possible risks and its likelihood of occurring, possible impacts on the project, and measures that will be put in place to mitigate risks. |
| **15. KEYWORDS** Provide up to ten words that best describe your proposed research. |
| **16. POTENTIAL PEER REVIEW SCIENTISTS (3):**   |  |  |  | | --- | --- | --- | | **Name:** | **Credentials:** | **Contact Information:** | | **Name:** | **Credentials:** | **Contact Information:** | | **Name:** | **Credentials:** | **Contact Information:** | |
| **17. POTENTIAL PEER REVIEW INDUSTRY EXPERTS (2):**   |  |  |  | | --- | --- | --- | | **Name:** | **Credentials:** | **Contact Information:** | | **Name:** | **Credentials:** | **Contact Information:** | |
| **BIOGRAPHIES:** Fill one Resume Form for the Project Leader as well as for each collaborator. |
| **18. BUDGET:** Please complete the Excel budget form |
| **19. OTHER RELEVANT INFORMATION** (maximum ½ page) This section is not mandatory. If you have any additional information that is not covered in the previous sections, please include it here. This may include, for example, any notes about developing partnerships and/or potential industry support. |
| I hereby certify that I have provided the required details in this submission. Furthermore, I understand that I must enter into an agreement with Swine Innovation Porc once this project is accepted for funding and that I am authorized to do so.  PROJECT LEADER’S NAME:  PROJECT LEADER’S SIGNATURE: DATE: |

**How to Submit Detailed Proposals**

Deadline for submissions:

Completed forms must be sent to [research@swineinnovationporc.ca](mailto:research@swineinnovationporc.ca).

Please include:

* Detailed proposal form
* Detailed budget form
* CV
* Letters of support