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*Please PRINT, SIGN, and SCAN this cover page and include as a pdf if applying by email submission.*

***NRCan’s Green Construction through Wood (GCWood)***

***Expression of Interest (EOI) Form***

**Applicant name**:

**Project title**:

**Date submitted (MM/DD/YY)**:

**Attestations:**

By submitting this EOI, the project applicant:

1. Is legally registered or incorporated in Canada.
2. Has read and understands all the terms and conditions of NRCan’s Green Construction through Wood (GCWood) program set out in this EOI Form and the Applicant’s Guide.
3. Understands that any proprietary or confidential information provided as part of the submission, by any party, is provided with the approval of that party. Federal, provincial and consultants reviewers are bound by the requirements of the *Access to Information Act* and the *Privacy Act* regarding the treatment of confidential information.
4. Understands and acknowledges that, should the project be accepted under NRCan’s GCWood program, no liability and no commitment or obligation exists on the part of Natural Resources Canada (NRCan) to make a financial contribution to the project until a written contribution agreement is signed by both parties.
5. Understands that project costs presented in this application MUST BE estimated at least at the accuracy level of feasibility studies, **with a degree of accuracy range of plus or minus 30%.**
6. Understands that funding that may be obtained under NRCan’s GCWood program will not be used to purchase wood-based materials for the proposed construction project.
7. Understands that the individual signing below attests that they have provided all necessary documentation to constitute a completed application as indicated in the NRCan GCWood application checklist and has the necessary authority to apply to the NRCan GCWood program in the name of his/her company.

**Please sign below to confirm these attestations:**

 **Signature Date**

 **Name of Duly Authorized Officer for Applicant Title**

**Application Package Checklist**

Please complete the following checklist to confirm that your application package is complete.

All items below are required to complete the application package, except the Technical Supporting Documents and Supporting Letters.

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| **Application package checklist** | **Included** |
| 1. **Completed all 3 sections of the EOI Form**
 | [ ]  |
| 1. **Legal partnership documentation (e.g., partnership agreements)**
 | [ ]  |
| 1. **Attached business plan**
 | [ ]  |
| 1. **Project cost estimates and incremental costs**

(Class D cost estimate) | [ ]  |
| 1. **Attached Technical Supporting Documents** (preliminary engineering plans, feasibility studies, cost estimates, site layout, etc.)
 | [ ]  |
| 1. **Supporting letters from Authorities Having Jurisdictions (AHJ), consultants, partners, material suppliers, etc.**
 | [ ]  |

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| **NOTES** |
| 1. It is the applicant’s responsibility to ensure the word limits are respected for each question. The box sizes in this form do not reflect the word limit so please use the “Word Count” tool under the “Tools” menu.
2. Unless otherwise specified, the “proposed project,” or the “project” or the “EOI” in this application form refers to the proposed project submitted to NRCan’s GCWood program.
3. Completion and submission of this application to NRCan’s GCWood program does not imply that the proposed project will be approved by NRCan.
4. Applicants must submit all information specified in this application form. Failure to provide the necessary information within the EOI Form itself may lead to rejection of the EOI. It is the responsibility of the applicant to ensure that the EOI Form clearly and thoroughly demonstrates how each mandatory and rated criteria is met. The attached technical information is required to substantiate and support the information in the EOI Form.
5. The applicant should provide information in the most concise format possible, while still providing sufficient details to ensure complete comprehension by reviewers.
6. This application form is confidential when completed, with the exception of the Executive Summary (Q1-Q4).
7. Many questions request Applicants to provide additional information in attachments (e.g., business plan, supporting letters, engineering plans, project schedule, etc.). These attachments should be named as follows: [COMPANY\_PROJECT TITLE\_DESCRIPTION.pdf]. The description should indicate the nature of the attachment. These attachments should be included in the email submission of the application form.
8. When you have completed the application form, name the document as follows: [COMPANY\_PROJECT TITLE\_NRCan\_GCWood\_APPLICATION.doc] and send to NRCan by email at nrcan.gcwood-cvbois.rncan@canada.ca
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**Please refer to Section 3 of the NRCan’s GCWood Guide for project evaluation details.**

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| **SECTION 1: EXECUTIVE SUMMARY**  |
| **(Information in the Executive Summary Q1-Q4 may be shared publicly)** |
| This section, as a whole, should provide reviewers with a clear overview of the applicant, the project and the alignment of the project with the core objectives and requirements of NRCan’s GCWood program (see **Section 2.1** of the Applicant Guide). The manner in which the project constitutes an advancement of use of wood in bridges in Canada **must** be demonstrated.  |
| **1. Project Applicant** (legal name of company) :  |
| **2. Project Name**:  |
| **3. Project Location**: City: Province:   |
| **4. Briefly describe the objectives, outputs and outcomes of the proposed project and indicate how it constitutes an advancement of wood use in bridge application in Canada** (300 words maximum):  |
| **5. Indicate the bridge type** – please select only one category:[ ]  Traffic – vehicular bridges, roadway bridges over rivers or train tracks, highway, etc.[ ]  Pedestrian – connecting buildings in urban areas, over roadways, highways, rivers, train tracks, etc. |
| **6. Expected project start date** (YYYY/MM):  | **Expected project completion date** (YYYY/MM):  |
| **7.** **Project Cost Estimate** | Dollar amount | % of total project |
| Total project cost  | $ | 100 % |
| Applicant’s funding | $ | % |
| Funding from other sources (please add rows for each organization) | $ | % |
| Requested incremental funding from NRCan’s GCWood  | $ | % |
| **8.** **Comparison project cost** (i.e., for an equivalent concrete or steel bridge) | $ |

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| **GENERAL INFORMATION** |
| **Contact information:** |
| 1. The applicant should list the full contact information for the key project contact. If there is more than one point of contact, the applicant should indicate each individual’s roles and responsibilities as they relate to the project.

Name: Title: Company:Address: Telephone: Fax: Email: Project responsibilities (if applicable):  |
| **Company information:** |
| 1. List the number and examples of wood or non-wood bridge projects your company have built or engaged in building:

Indicate the number of years your company has been in operation:Company website:  |
| **Previous collaboration with Natural Resources Canada:** |
| 1. Has your company (or your partner organization(s)) received funding from NRCan in the last 5 years?

[ ]  Yes [ ]  NoIf yes, specify the name of the NRCan program(s) : If yes, specify the NRCan contact person who administered the past funding:  |

**ALL MANDATORY CRITERIA MUST BE MET FOR PROJECTS TO BE EVALUATED**

**Please refer to Section 3.3.1 of the NRCan’s GCWood Applicant’s Guide for mandatory criteria details.**

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| **SECTION 2: MANDATORY CRITERIA**  |
| **1. Eligible Recipients**  |
| *Eligible recipients are legal entities validly incorporated or registered in Canada (including for profit and not for profit organizations, Indigenous organizations and groups, and Canadian academic institutions), as well as provincial, territorial, regional and municipal governments and their departments and agencies where applicable.*  |
| Do you meet the above criteria? [ ]  **Yes [ ]  No**  |
| **2. Bridge Design and Construction Advancement**  |
| *The proposed project must constitute an advancement of bridge design and construction in Canada. Once implemented, the* *bridge design must demonstrate the novel use of engineered wood-based products and/or systems and advanced construction technologies.*  |
| Do you meet the above criteria? [ ]  **Yes [ ]  No**  |
| Clearly describe how you meet the above criteria (200 words maximum):  |
| **3. Location**  |
| *Project site is located in Canada and ownership of, or long-term access to, the land is clearly demonstrated.* |
| Do you meet the above criteria? [ ]  **Yes [ ]  No**  |
| Clearly describe how you meet the above criteria (100 words maximum): |

**Please refer to Section 3.3.2 of NRCan’s GCWood Applicant’s Guide for rated criteria details.**

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| **SECTION 3: RATED CRITERIA** |
| **CRITERION 1: TECHNICAL FEASIBILITY** |
| *This section requires applicants to provide a clear and complete project description, sound construction solution, and detailed work plan. Preference will be given to projects that can likewise provide a robust design and engineering package and a solid understanding of the research and testing that may be required to proceed to the detailed design, approval and construction stages, as well as an understanding of the technical risks involved with this project and mitigation efforts to assuage these.*   |
| 1. Describe the project objectives, proposed advanced wood-based design and construction solution, and detailed work plan. (200 words maximum):
 |
| 1. Clearly describe the proposed innovative wood-based products/systems/technology and the major activities involved in the project. For all proposed innovative solutions/technologies, applicants are strongly encouraged to reference and/or attach any appropriate technical reports or publications that provide information as to the likelihood of successful adoption. (800 words maximum):

You may wish to attach other documentation, including but not limited to a site plan, engineering/design plans, technical feasibility study, etc. If you have attached non-mandatory documents, please specify the file name(s) of the attached documents: |
| 1. Briefly describe how you intend to measure the performance of your project, including meeting your intended objectives and outputs. (200 words maximum):
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| **CRITERION 2: BRIDGE INNOVATION** |
| 1. Describe why the project should be considered a truly innovative proposition for timber bridges (i.e., new advanced wood-based products or systems, use of composite technologies such as carbon and glass fibre reinforced polymers (FRP) and high performance concrete and epoxies, post-tensioning systems, advanced treatments, minimizing maintenance etc.)

(400 words maximum):  |
| 1. Briefly indicate if the project is expected to generate any intellectual property (IP) including, but not limited to, copyrights, trademarks, patents, industrial design rights and/or trade secrets. (200 words maximum):

*Note: Applicants must acknowledge the “creative commons” aspect and clearly demonstrate their commitment to share the technical information developed under this program funding with NRCan and other stakeholders.* |
| 1. Describe any Canadian technology content (if any) of the innovative technology employed by the project 200 words maximum):
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| **CRITERION 3: EXPERIENCE AND EXPERTISE**  |
| *In this section, the Applicant should provide detailed information on the design and construction teams’ experience in wood construction and infrastructure development and commitment to the project. Access to, and/or support from, key stakeholders and partners (i.e. jurisdiction authorities, consultants, suppliers, etc.) should be noted.*  |
| 1. Describe the design and construction teams’ experience and capability of delivering a wood solution for a bridge of this type. (250 words maximum):
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| 1. List the project partners and the nature of the partnership (200 words maximum):
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| **CRITERION 4: BUSINESS PLAN** |
| *Applicants must demonstrate a complete, viable, and credible business plan including financial budget, funding sources, permitting timelines, stage of the development permit for the proposed project, ability to mitigate financial risk, knowledge of construction conditions, clear performance measures and tracking, and the project team’s experience in completing projects on budget and schedule. Likewise, the applicant must demonstrate unencumbered access to the proposed site; detail any specific conditions by lending authority to be met prior to start the construction project.* |
| 1. Describe the project business plan (500 words maximum):

*Note: A full business plan should be included in the EOI package.* |
| 1. Are there any specific conditions by lending authorities to be met prior to starting project construction? (300 words maximum):
 |
| **CRITERION 5: COST EFFECTIVENESS AND REPLICABILITY** |
| *A class “D” cost estimate must be submitted with the application.* |
| 1. Describe how cost-effective the overall project is and how the knowledge it generates may be replicated as a cost-effective design concept for other projects in the future (250 words maximum):
 |
| 1. How were the incremental costs of using wood for the bridge construction quantified and how were the areas of design, approval, and construction activities identified? (200 words maximum):
 |
| 1. How cost effective are the incremental costs given the complexity of the project and how realistic are they in relation to the funding request? (200 words maximum):
 |
| **CRITERION 6: TIMING** |
| Provide the timeline and milestones for the project, including details of any required permitting processes, if applicable (250 words maximum): |
| **CRITERION 7: VALUE FOR INVESTMENT**  |
| Is the requested GCWood funding well leveraged by other funding partners? (200 words maximum): |
| **CRITERION 8: GHG MITIGATION** |
| 1. Describe how the bridge design and construction solution will reduce or mitigate GHG emissions compared to a similar bridge constructed of traditional materials and systems (150 words maximum):
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| 1. What is the initial estimate of carbon dioxide equivalent (CO2e) and how was the GHG mitigation estimate calculated? The Canadian Wood Council carbon calculator (<http://cwc.ca/carboncalculator>) or equivalent calculator is recommended (100 words maximum):
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| **BENEFITS TO CANADIANS** |
| Describe any additional environmental, societal and economic benefits this project may generate (i.e. energy efficiency improvements, local investments, construction jobs, etc.). (200 words maximum): |