

Please PRINT, SIGN, and SCAN this cover page and include as a pdf to your email submission.

Mass Timber Demonstration Program
Expression of Interest (EOI) Form
Application Due by October 8, 2021 at 20:00 Pacific Daylight Saving Time to
info@masstimberbc.ca

Applicant name:

Project title:

Date submitted (MM/DD/YY):

Attestations:

By submitting this EOI, the project applicant:

1. Is legally registered as a for-profit building sector organization in B.C., or incorporated as a not-for-profit organization in B.C., is a B.C. local government (municipality or regional district), or a First Nations government or organization.
2. Has read and understood all the terms and conditions of Forestry Innovation Investment's (FII) Mass Timber Demonstration Program (MTDP) set out in this EOI Form and the EOI 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 consultant reviewers are bound by the requirements of the *Freedom of Information and Protection of Privacy Act* regarding the treatment of confidential information.
4. Understands and acknowledges that, should the project be accepted under the MTDP, no liability and no commitment or obligation exists on the part of FII to make a financial contribution to the project until a written Financial Agreement is signed by both parties.
5. Understands that project costs presented in this EOI **must be** supported by a cost analysis.
6. Understands funding that may be obtained under the MTDP will not be used to purchase any wood-based or other construction materials for the proposed project.
7. Understands that the individual signing below attests that they have provided all necessary documentation to constitute a completed EOI as indicated in the MTDP EOI checklist and has the necessary authority to apply to the MTDP in the name of his/her company.

Please sign below to confirm these attestations:

Signature:

Date:

Name of Duly Authorized Officer for Applicant:

Expression of Interest Package Checklist

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

All items below are required to complete the EOI package, except the Technical Supporting Documents and Supporting Letters. Applicants may submit additional supporting documentation (business plans, Gantt charts, technical documentation etc.) as a part of the EOI package.

EOI package checklist	Included
1. Completed all 3 sections of the EOI Form	<input type="checkbox"/>
2. Class “D” cost analysis incremental cost estimates	<input type="checkbox"/>
NOTES	
<ol style="list-style-type: none"> 1. It is the responsibility of the applicant 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 the MTDP. 3. Completion and submission of this EOI to the MTDP does not imply that the proposed project will be approved. 4. Applicants must submit all information specified in this EOI 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 desired criterion 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 EOI form is confidential when submitted. 7. Many questions suggest Applicants 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 EOI form. 8. When you have completed the EOI form, name the document as follows: [COMPANY_PROJECT TITLE_MTDP_EOI.doc] and send it to the MTDP Management by email at info@masstimberbc.ca 	

Please refer to Section 2 of the MTDP Expression of Interest Guide for project details.

SECTION 1: EXECUTIVE SUMMARY		
(Information in the Executive Summary Q1-Q4 may be shared publicly)		
<i>This section 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 the MTDP (see Section 2.1 of the EOI Guide). How the project constitutes an advancement of the use of wood in multi-family residential, mixed-use commercial office, institutional, and industrial buildings in British Columbia must be demonstrated.</i>		
1. Project Applicant (legal name of the company, the municipal or regional district government, or the First Nation government or organization):		
2. Project Name:		
3. Project Location (the project must be in British Columbia):		
4. Briefly describe the objectives, outputs and outcomes of the proposed project and indicate how it constitutes an advancement of wood use in multi-family residential buildings, mixed-use commercial office buildings, institutional buildings, or industrial buildings in British Columbia (300-words maximum):		
5. Indicate the building category – please select only one category:		
<input type="checkbox"/> Mixed-Use Commercial/Industrial – e.g. retail, warehouse, box store, factory, storage units <input type="checkbox"/> Multi-family residential <input type="checkbox"/> Institutional – e.g. office building, school, health facilities <input type="checkbox"/> Industrial		
6. Expected project start date (YYYY/MM):		Expected project completion date (YYYY/MM):
7. Project Cost Estimate	Dollar amount	% of the total project
Total project cost	\$	100%
Applicant’s funding	\$	%
Funding from other sources (please add rows for each organization/source)	\$	%
In-kind contribution	\$	%
Requested funding from MTDP	\$	%

8. Comparison of the project cost (i.e., for an equivalent concrete or steel building)	\$
GENERAL INFORMATION	
Contact information:	
<p>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 everyone's roles and responsibilities as they relate to the project. The application should list the contact details of a representative who will be available for correspondence during the due diligence period from October 9, 2021 and January 31, 2022.</p>	
Name:	
Title:	
Company:	
Address:	
Telephone:	
Fax:	
Email:	
Project Responsibility (if applicable)	
Company information:	
<p>2. List the number and examples of wood or non-wood projects your company has built or has been engaged in building:</p> <ul style="list-style-type: none"> • 	
Indicate the number of years your company or institution has been in operation:	
Company or institution website:	

ALL MANDATORY CRITERIA MUST BE MET FOR PROJECTS TO BE EVALUATED
Please refer to Section 3.2.1 of the MTDP EOI Guide for mandatory criteria details.

SECTION 2: MANDATORY CRITERIA	
<u>Complete EOI:</u> <i>The EOI must be complete and provide enough information for a proper evaluation.</i>	
a) Do you meet the above criteria? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<u>Eligible Recipients:</u> <i>Eligible applicants include:</i> <ul style="list-style-type: none">• <i>For-profit building sector organizations registered in British Columbia (e.g., owners, developers);</i>• <i>Not-for-profit organizations incorporated as a not-for-profit corporation or society formed under an Act of Canada or the Province of BC and in good standing under the relevant Act;</i>• <i>British Columbia local governments (i.e. municipalities and regional districts); and</i>• <i>First Nations governments and organizations.</i>	
a) Do you meet the above criteria? <input type="checkbox"/> Yes <input type="checkbox"/> No	
b) Clearly describe how you meet the above criteria (50-words maximum):	
<u>Eligible Building:</u> <i>Eligible buildings are broken up by building use and height.</i>	
<i>Eligible building uses are:</i> <ul style="list-style-type: none">• <i>Multi-family Residential;</i>• <i>Mixed-use Commercial;</i>• <i>Institutional; and</i>• <i>Industrial.</i> <i>Eligible building heights are:</i> <ul style="list-style-type: none">• <i>Residential (7+ stories);</i>• <i>Mixed-use Commercial (3+ stories);</i>• <i>Institutional (2+ stories); and</i>• <i>Industrial (1+ storey).</i>	
a) Do you meet the above criteria? <input type="checkbox"/> Yes <input type="checkbox"/> No	
b) Please select your building type: <input type="checkbox"/> Multi-family residential <input type="checkbox"/> Mixed-Use Commercial – e.g.,: retail, warehouse, box store, factory, storage units <input type="checkbox"/> Institutional – e.g.,: office building, school, health facilities <input type="checkbox"/> Industrial	
INNOVATION	

Applications should be for buildings that meet or exceed the heights listed in above. However, if you are in a geographic area outside of the Lower Mainland / Southern Vancouver Island where mass timber buildings of other heights could be new or innovative, consideration may be made for funding. The objective is to be inclusive in determining what constitutes innovation, acknowledging it could vary from region to region. Applicants must clearly explain how their proposed building is uniquely innovative in their specific context/location. Examples could include, but are not limited to:

- Mass timber use is not common in your region
- The proposed building is considerably taller or more complex than usual for wood/hybrid buildings in your region
- The construction of the building offers a new approach for your region
- A specific and significant aspect or component of the project is a first in B.C.

Please describe how your proposed building is uniquely innovate in your specific context/location (500-words maximum):

Eligible Activities: Eligible activities fall into the following categories (see section 2.6 of the EOI guide for further details):

- Design development, permitting and construction drawings;
- Construction and related activities;

a) Do you meet the above criteria? Yes No

b) Clearly describe how you meet the above criteria (200-words maximum):

Eligible Costs: The costs outlined in the EOI must be Eligible Costs (see section 2.7 of the EOI guide for further details).

a) Do you meet the above criteria? Yes No

b) Clearly describe how you meet the above criteria (200-words maximum):

Location: The project must occur in B.C.

a) Do you meet the above criteria? Yes No

b) Clearly describe how you meet the above criteria (200-words maximum):

Building type: The main structural building system must be mass timber or mass timber-hybrid (such as mass timber-wood frame, mass timber-concrete or mass timber-steel).

a) Do you meet the above criteria? Yes No

b) Clearly describe how you meet the above criteria (200-words maximum):

Incremental Funding Support: The EOI must demonstrate the need for incremental funding support through the MTDP, and how requested funding will advance this project in the immediate term.

a) Clearly demonstrate the need for incremental funding support and how requested funding will advance this project in the immediate term (400-words maximum):

Funding Contributions: The proponent must demonstrate they have access to the funding required to successfully complete the project. Any other Government of British Columbia contributions received or applied for must be clearly identified in the EOI submission.

a) Do you meet the above criteria? Yes No

Please ensure you fill out Section 1 Question 7.

Total Canadian Government Contribution: The total Canadian government assistance (federal, provincial and municipal) cannot exceed 100% of the total project costs.

a) Do you meet the above criteria? Yes No

b) Clearly describe how you meet the above criteria (200-words maximum):

General Use of Mass Timber

Please expand on why you are choosing to use mass timber for this particular project? (400-words maximum):

Please refer to Section 3.3.2 of FII’s EOI Guide for desired criteria details.

SECTION 3: DESIRED CRITERIA	
CATEGORY 1: FEASIBILITY	
<i>Technical Feasibility:</i> Applicants should demonstrate the degree to which the project is expected to be technically feasible and generate the desired outcomes.	
a)	Describe the project objectives, proposed advanced mass timber-based building solution and detailed work plan (200-words maximum):
b)	Briefly describe how you intend to measure the performance of your projects, including meeting your intended objectives and outputs (200-words maximum):
<i>Business Plan:</i> Applicants should demonstrate strong financial analysis, sound budgeting, and a credible and complete business plan.	
a)	Describe the project business plan (500-words maximum):
<u>Please submit your business plan with the EOI (if available).</u>	
Please indicate the file name(s) of the attached document:	
<i>Timing:</i> Preference will be given to applicants who propose the most credible and defensible project schedule information. Priority will also be given to projects that can be completed in a near-term horizon.	
a)	Provide the timeline and milestones for the project, including details of any required permitting processes, if applicable (250-words maximum):
<u>Please attach a proposed project schedule (e.g. Gantt Chart) if available.</u>	
Please indicate the file name(s) of the attached document:	
<i>Experience:</i> Applicants should demonstrate sufficient experience and capacity to deliver an innovative mass timber or mass timber hybrid building.	

- a) Provide a description of the team’s experience and capacity to deliver an innovative mass timber or mass timber hybrid building (250-words maximum):

CATEGORY 2: COST-COMPETITIVENESS AND REPLICABILITY

Cost-Competitiveness and Replicability: Applicants should clearly demonstrate a cost-competitive project design and implementation plan including a Class “D” cost analysis (see section 3.3.2 of the EOI Guide for further details into this requirement).

- a) Describe how cost-effective the overall project is and how the knowledge it generates may be replicated as a cost-effective design concept/solution for other projects in the future (250-words maximum):

- b) How will your use of a design strategy or building assembly impact the B.C. market in a significant way or how it will illustrate design strategies that have a high potential to be used in other locations or applications? (250-words maximum)

- c) How were the incremental costs of using wood for the building construction was quantified and how were the areas of design, approval, and construction activities identified? (200-words maximum)

- d) Describe how the project will leverage other sources of funding or in-kind contributions (200-words maximum):

- e) Please provide a Class “D” cost analysis with the application at a minimum.

Please indicate the file name(s) of the attached document:

CATEGORY 3: INNOVATION AND VALUE

Building Innovation: Applicants should demonstrate the degree of building innovation and novelty, as demonstrated using new innovative engineered wood products, systems, designs, construction methodology and design for adoptability and dismantling (see section 3.3.2 of the EOI Guide for further details into this requirement).

- a) Describe why the project should be considered a truly innovative proposition for multi-family residential, mixed-use commercial office, institutional, or industrial wood buildings (i.e., new

advanced wood-based product or system, use of new technology, hybrid approach, advanced construction methodology, etc.) (400-words maximum):

b) Describe if and how the project uses Building Information Modeling (200-words maximum):

Value for Investment: Applicant should demonstrate how the project will help to achieve program results related to:

1. Supporting mass timber implementation where traditional building materials would have otherwise been used.
2. Where a B.C. based supply of mass timber is available, projects that demonstrate the use of B.C. based products in their projects may be given preference. It should be noted that any local preference would be within the scope of trade agreements.
3. Supporting mass timber usage in innovative construction in your specific region or context.

a) Please demonstrate how the program funding will allow you to move forward with a mass timber project that would have otherwise used traditional building materials (200-word maximum):

b) Describe, if any, the use of a B.C. based mass timber supply in the project (200-words maximum):

c) Describe how your project supports mass timber usage in innovative construction in your specific region or context (200-words maximum):

CATEGORY 4: ENVIRONMENTAL PERFORMANCE

Environmental Performance: Projects should demonstrate how the building solution will reduce or mitigate GHG emissions compared to a similar building constructed with traditional materials and systems. Projects should also provide an initial estimate of carbon dioxide equivalent (CO₂e) and how the GHG mitigation estimate was calculated. Preference will be given to projects which can demonstrate additional “green” performance measures such as energy efficiency.

a) Describe how the building solution will reduce or mitigate GHG emissions compared to a similar building constructed with traditional materials and systems (150-words maximum):

b) Please describe how your project targets environmental or social building certifications (e.g., BOMA BEST, Green Globes, LEED, Living Building Challenge, WELL, Zero Carbon Building Standard) (300-words maximum):