



ATTACHMENT 1 – EVALUATION GRID – Phase 1

Bidders must also address any additional evaluation criteria, if applicable, in the Challenge Notice for which they are submitting a proposal.

Mandatory Eligibility Requirements				
	Mandatory/ Point Rated	Criteria	Assessment	Pass/Fail
Section 3 of the Application/Bid Form	Mandatory	The Applicant/Bidder must certify that it is a for profit business.	Pass The Applicant/Bidder certifies it is a for-profit business. Fail The Applicant/Bidder is a not-for profit business or did not provide the certification requested.	Pass/Fail
	Mandatory	The Applicant/Bidder must certify that it is a business incorporated in Canada (either federally or provincially).	Pass The Applicant/Bidder certifies it is a business incorporated in Canada. Fail The Applicant/Bidder is not incorporated in Canada or did not provide the certification requested.	Pass/Fail



Mandatory	<p>The Applicant/Bidder must certify that it is a small business with 499 or fewer Full-Time Equivalent (FTE) employees. Calculations must take into account and include affiliated businesses, such as parent companies and subsidiaries that are within Canada or outside of Canada.</p> <p>An employee is defined as receiving a T4 Statement of Remuneration Paid slip (or equivalent) from the Applicant/Bidder. One FTE is defined as at least 30 hours/week of paid labour. Part-time employees must be included as fractions of 1 FTE based on average labour hours compared to typical hours for 1 FTE employee.</p>	<p>Pass The Applicant/Bidder certifies it has 499 or fewer FTE employees.</p> <p>Fail The Applicant/Bidder has 500 or more FTE employees or did not provide the certification requested.</p>	Pass/Fail
Mandatory	<p>The Applicant/Bidder must certify that it has research and development (R&D) activities taking place in Canada.</p>	<p>Pass The Applicant/Bidder certifies it has R&D activities taking place in Canada.</p> <p>Fail The Applicant/Bidder does not have R&D activities taking place in Canada or did not provide the certification requested.</p>	Pass/Fail
Mandatory	<p>The Applicant/Bidder must certify that it currently pays at least 50% of its annual wages, salaries, and fees to employees and contractors who spent a majority of their time working in Canada.</p> <p>Calculations must take into account and include affiliated businesses, such as parent companies and subsidiaries that are within Canada or outside of Canada.</p>	<p>Pass The Applicant/Bidder certifies that it currently pays at least 50% of its annual wages, salaries, and fees to employees and contractors who spent a majority of their time working in Canada.</p> <p>Fail The Applicant/Bidder currently pays less than 50% of its annual wages, salaries, and fees to employees and contractors who spent a majority of their time working in Canada or did not provide the certification requested.</p>	Pass/Fail
Mandatory	<p>The Applicant/Bidder must certify that it has 50% or more of its full-time employees located as their ordinary place of work in Canada.</p>	<p>Pass The Applicant/Bidder certifies that it has 50% or more of its full-time employees located as their ordinary place of work in Canada.</p> <p>Fail The Applicant/Bidder has less than 50% of its full-time</p>	Pass/Fail



		Calculations must take into account and include affiliated businesses, such as parent companies and subsidiaries that are within Canada or outside of Canada.	employees located as their ordinary place of work in Canada or did not provide the certification requested.	
	Mandatory	<p>The Applicant/Bidder must certify that it has 50% or more of its senior executives (Vice President and above) with their principal residence in Canada.</p> <p>Calculations must take into account and include affiliated businesses, such as parent companies and subsidiaries that are within Canada or outside of Canada.</p>	<p>Pass The Applicant/Bidder certifies that it has 50% or more of its senior executives (Vice President and above) with their principal residence in Canada</p> <p>Fail The Applicant/Bidder has less than 50% of its senior executives (Vice President and above) with their principal residence in Canada or does not provide the certification requested.</p>	Pass/Fail



Innovation					
Question # in Application/Bid Submission Form – Section 4	Mandatory / Point Rated	Criteria	Assessment	Pass/Fail or Points Range	Minimum Pass Mark
1 (a)	Mandatory	The Applicant/Bidder demonstrates that the proposed solution is starting between Technology Readiness Level 1 and 4 (inclusive).	<p>Pass: The Applicant/Bidder has demonstrated that the proposed solution is starting between TRLs 1 and 4 (inclusive), and provides justification by explaining what kind of research and development (R&D) has taken place to bring the solution to the stated TRL.</p> <p>Fail: The Applicant/Bidder has not provided sufficient evidence that the TRL is between 1 to 4 (inclusive) including:</p> <ul style="list-style-type: none">(1) <i>There is insufficient/no evidence provided for TRL judgment.</i>(2) <i>The solution involves the development of basic or fundamental research.</i>(3) <i>The solution is at TRL 5 or higher.</i>(4) <i>The solution is commercially available</i>(5) <i>The explanation simply paraphrases the description of a given TRL level.</i> <p>TRL 1: Basic principles observed and reported TRL 2: Technology concept and/or application formulated TRL 3: Analytical and experimental critical function and/or proof of concept TRL 4: Components and/or validation in a laboratory environment TRL 5: Component and/or validation in a simulated environment TRL 6: System/subsystem model or prototype demonstration in a simulated environment TRL 7: Prototype ready for demonstration in an appropriate operational environment TRL 8: Actual technology completed and qualified through tests and demonstrations TRL 9: Actual technology proven through successful deployment in an operational setting</p>	Pass/Fail	Pass



1 (b)	Point Rated	The degree to which the Applicant/Bidder has demonstrated that the proposed solution advances the state-of-the-art over existing technologies, including available competing solutions, and provides a description of the scientific and technological basis of the solution.	<p>0 points: The Applicant/Bidder has not provided any details that the proposed solution advances the state-of-the-art over existing technologies, including available competing solutions.</p> <p>4 points:</p> <ul style="list-style-type: none">• The proposed solution offers one or two minor improvements to existing technologies, including available competing solutions, that have potential to create competitive advantages in existing market niches; OR• The stated advancements are well-described in general, but are not substantiated with specific, measurable evidence. <p>6 points:</p> <ul style="list-style-type: none">• The proposed solution offers three or more minor improvements to existing technologies, including available competing solutions, that together are likely to create competitive advantages in existing market niches; OR• The proposed solution offers one significant improvement to existing technologies that is likely to create competitive advantages in existing market niches <p>8 points:</p> <ul style="list-style-type: none">• The proposed solution offers two or more significant improvements to existing technologies, including available competing solutions that are likely to create competitive advantages in existing market niches and could define new market spaces; OR• The proposed solution can be considered a new benchmark of state of the art that is clearly ahead of competitors and that is likely to define new market spaces	0-8	4
1 (c)	Point Rated	The degree to which the Applicant/Bidder has demonstrated that the proposed solution can solve the problem	<p>0 points: There is no clear link between the solution and the challenge.</p> <p>4 points: The proposed solution has components that partially relate to the challenge, but it is not clear or substantiated how the solution solves the challenge problem.</p> <p>6 points: The proposed solution includes a sufficient description of</p>	0-8	4



		identified in the challenge.	how it solves the challenge problem with minor substantiation of the claimed solution. 8 points: The proposed solution substantially addresses how it solves the challenge problem with substantial evidence to support the solution claims.		
1 (d)	Point Rated	The Applicant/Bidder identifies scientific and technical risks facing their solution and explains how those risks would be addressed in Phase 1.	0 points: The Applicant/Bidder has not provided any details on potential scientific or technical risks facing their solution. 4 points: The Applicant/Bidder has provided vague scientific and technical risks and does not provide how those risks will be mitigated. 6 points: The Applicant/Bidder has identified scientific and technical risks to their solution but only provides vague mitigation strategies. 8 points: The Applicant/Bidder has clearly identified specific scientific and technological risks facing their solution and clearly outlines how those risks will be mitigated in Phase 1.	0-8	N/A
Benefits to Canada					
Question # in Application/Bid Submission Form – Section 4	Mandatory / Point Rated	Criteria	Assessment	Pass/Fail or Points Range	Minimum Pass Mark
2	Points Rated	The proposed solution describes the benefits that could result from the successful development of the solution using the following 3 categories (Economic Benefits, Innovation Benefits, Public Benefits)	The Applicant/Bidder identifies the benefits to Canada citing 3 categories of below (Innovation, Economic and Public). a) Innovation Benefits: The proposed solution's expected contribution towards the enhancement or development of new industrial or technological innovations. Assessment factors could include: potential spillover benefits, creation of intellectual property, impact on productivity of the new technology, etc. 0 points: Benefit not identified or insufficient claim of benefit. 1.5 points: Benefit has marginal increment or limited justification. 3 points: Benefit is significant and well justified.	9	N/A



			<p>b) Economic Benefits: The proposed solution’s forecasted impact on the growth of Canadian firms, clusters and supply chains, as well as its expected benefits for Canada's workforce. Assessment factors could include: number of jobs created, number of high-paying jobs, project-related revenue growth, etc.</p> <p>0 points: Benefit not identified or insufficient claim of benefit.</p> <p>1.5 points: Benefit has marginal increment or limited justification.</p> <p>3 points: Benefit is significant and well justified.</p> <p>c) Public Benefits: The solutions expected contribution to the broader public, including inclusive business and hiring practices (e.g., gender balance), investment in skills and training and environmental best practices. Assessment would consider the degree to which the Applicant/Bidder demonstrates that the solution is expected to generate social, environmental, health, security or other benefits to Canada. Assessment factors could include: solution-related environmental benefits, investment in local communities and solution-related impact on Indigenous communities.</p> <p>0 points: Benefit not identified or insufficient claim of benefit.</p> <p>1.5 points: Benefit has marginal increment or limited justification.</p> <p>3 points: Benefit is significant and well justified.</p>		
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Management and Technological Capability					
Question # in Application/Bid Submission Form – Section 4	Mandatory / Point Rated	Criteria	Assessment	Pass/Fail or Points Range	Minimum Pass Mark
3 (a)	Point Rated	The Applicant/Bidder provides a project plan for Phase 1 that includes key milestones and activities, estimated time to complete the milestones and associated success criteria.	0 points: The proposed project plan is partially complete with significant gaps in time between milestones. Total time for completion of Phase 1 not provided. 4 points: The proposed project plan is conceivably achievable and time available, but it is not clear or substantiated that this is the case. Total time for completion of Phase 1 provided. 6 points: The proposed project plan includes milestones that provide some substantiation that the solution is solvable with the time available. Total time for completion of Phase 1 provided. 8 points: The proposed project plan substantially addresses time available and provides evidence of the ability of the Applicant/Bidder to reasonably develop the proposed solution within the scope of Phase 1. Total time for completion of Phase 1 provided.	0-8	N/A
3 (b)	Point Rated	The Applicant/Bidder describes the potential project management risks to the successful development of the solution and how will they be managed in Phase 1.	0 points: The Applicant/Bidder has not identified any project management risks 4 points: The Applicant/Bidder has identified vague project management risks and does not provide a risk mitigation strategy. 6 points: The Applicant/Bidder has identified project management risks and only partially addresses them with a mitigation strategy. 8 points: The Applicant/Bidder clearly outlines project management risks and provides a mitigation strategy to address them.	0-8	N/A
3 (c)	Point Rated	The Applicant/Bidder identifies roles, responsibilities and	0 points: There is no information that describes the roles, responsibilities and expertise of the applicant/bidder or any associated external partners.	0-8	



		expertise in the project implementation team that will develop the solution in Phase 1.	4 points: There is no project lead identified and/or there is minimal or incomplete information concerning the roles, responsibilities, capabilities and expertise of the applicant/bidder and any external partners. 6 points: A project lead is identified and there is sufficient information regarding the roles and responsibilities of the applicant/bidder and any associated external partners. However, the expertise of team members, including the project leader, is not clearly demonstrated. 8 points: The applicant/bidder has provided full and complete information on roles, responsibilities and expertise of all project implementation team members including any associated external partners. The project implementation team, including the project lead, have an exceptional combination of skills, capabilities and experience to deliver the project in Phase 1.		N/A
3 (d)	Point Rated	The Applicant/Bidder identifies how it is including members of under-represented groups (e.g., women, Indigenous people, visible minorities) in its efforts to innovate.	0 points: No description or examples of actions the Applicant/Bidder has taken to encourage inclusivity in its innovation activities. 2 points: The Applicant/Bidder only vaguely mentions that under-represented groups are involved its innovation activities with no examples or substantiation. 3 points: The Applicant/Bidder identifies clearly how under-represented groups are involved in its innovation activities and provides examples and/or justification.	0-3	N/A
Financial Capability					
Question # in Application/Bid Submission Form – Section 4	Mandatory / Point Rated	Criteria	Assessment	Pass/Fail or Points Range	Minimum Pass Mark
4 (a)	Point Rated	The degree to which the Applicant/Bidder has identified a realistic financial proposal to	0 points: The financial table is not provided or significantly lacks credibility in the costs identified to complete Phase 1. 2 points: The financial table is completed however some costs are either over or under-estimated for the work foreseen in Phase 1.	0-4	N/A



		advance the proposed solution in Phase 1.	4 points: The financial table contains strong, credible elements of the costs associated with Phase 1.		
4 (b)	Point Rated	The degree to which the Applicant/Bidder has indicated financial controls and oversight to manage public funds in Phase 1.	0 points: No financial controls or oversight mechanisms are identified. 2 points: The Applicant/Bidder provides very general or vague descriptions of financial controls and oversight to manage public funds. 4 points: The Applicant/Bidder has clearly identified human resources as well as processes to manage public funds in Phase 1.	0-4	N/A
Commercialization					
Question # in Application/Bid Submission Form – Section 4	Mandatory / Point Rated	Criteria	Assessment	Pass/Fail or Points Range	Minimum Pass Mark
5 (a)	Point Rated	The degree to which the Applicant/Bidder has thought beyond the work in Phase 1 and advancing the solution in Phase 2.	0 points: The Applicant/Bidder has not provided any description of activities in Phase 2. 4 points: The Applicant/Bidder has provided some evidence of thinking about moving the solution from Phase 1 to Phase 2. However, there are significant gaps. 6 points: The Applicant/Bidder has provided a more complete picture of how the solution could be moved from Phase 1 to 2, however, there are unrealistic expectations. 8 points: The Applicant/Bidder has provided a complete picture of efforts to take the solution from Phase 1 to Phase 2.	0 - 8	N/A
5 (b)	Point Rated	The degree to which the Applicant/Bidder has identified target market, risks and barriers to commercialization following Phase 2.	0 Points: The Applicant/Bidder has not provided a vision or plan of taking the solution beyond Phase 2. 2 Points: The Applicant/Bidder has provided a vision or plan of taking the solution beyond Phase 2. However, the Applicant/Bidder has not identified, or made very little effort to identify, a target market barriers or risks to commercialization after Phase 2. 4 Points: The Applicant/Bidder has provided a clear vision or plan of taking the solution beyond Phase 2. Target market, Barriers or risks to	0 - 4	N/A



			commercialization following Phase 2 are identified as are potential risk mitigation strategies.		
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Minimum pass mark	40
Total available points	80