# Proposed Research

*Delete words in italics*

*This document should be maximum 2500 words, plus up to 1 page of references. This document can also be downloaded from the portal.*

**Background/Context**

*Provide context by detailing the state of knowledge in this field (about 300 words)*

**Aims and Objectives**

*State the overall goal and specific aims/objective(s) of the research (about 200 words)*

**Science Stretch and Novelty**

*Explain how the science is new and high-risk (about 200 words)*

**Potential Contribution to NZ economic growth and links to NZ businesses**

*Describe the potential contribution to NZ economic growth and links to NZ businesses if any, and how the research aligns to the assessment criteria detailed in the CfP, including justification of the New Zealand context and niche . Indicate if the proposal addresses an NZPA “missing science” area.(about 200 words)*

**Detailed Methodology**

*Detailed Methodology – describe the research plan– the hypothesis/ses being tested, methodology being used, methods of analysis. This should cover the total funding period and include contributions from collaborators (about 600 words)*

**Intellectual Property**

*Describe the IP that might arise from the project and the proposed methods to protect the IP before publication (about 200 words).*

*If relevant, also include results from a scan of existing technologies and patents in the field of interest (about 200 words).*

**Technology Readiness Level (TRL)**

*State the TRL level target for the project and possible future work if this project is successful (about 200 words).*

**Key Risks***Identify the key risks to the research and methods to mitigate them. In particular, explain both any negative impacts of Covid-19 on the preparation of the application and the anticipated Covid-19 impacts on the research proposed (up to 300 words).*

# References

*(include up to 1 page of references)*