# Carbon Brief

| **Objectives of Procuring Organisation** |
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| <Organisation name> has an interest in delivering low impact assets and is therefore interested in measuring the embodied carbon and operational carbon impacts. Sustainability is a core value of our <organisation> <business> and we seek to make all of our new assets carbon neutral by 2025. We will achieve this through operational efficiency and through reducing embodied impacts. We want to get ahead of the curve of potential changes to the regulatory framework being proposed under the Building for Climate Change programme by developing our capability and that of our suppliers in regular embodied carbon reporting of our assets, to help inform our selection of materials, products and suppliers throughout the project and on future projects.We require our design consultants to focus in on the areas that will have the biggest impact in reducing carbon. We have highlighted below our baseline requirements and design consultants must be able to demonstrate their capability in meeting these to be considered for selection. We want to go beyond these as market capability evolves to continuously drive lower carbon solutions. Design consultants that are able to demonstrate good capability in going beyond baseline requirements, will improve their standing when it comes to evaluating proposals against the relevant criteria (e.g. approach to sustainability or carbon reduction as a sub-set of this).  |

| **Whole of Life Embodied Carbon Impact Assessment**  |
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| **Life Cycle Stage Assessment**  |
| Baseline  | Additional proposals from consultant (circle) |
| Product stage | Construction stage | Use stage | End of life stage | Benefits and loads stage |
| A1 | A2 | A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | C1 | C2 | C3 | C4 | D |
| **Building Component Levels**  |
| Baseline | Additional proposals from consultant (circle) |
| Structural elements  | Envelope  | Internal fittings  |
| Frame | Floors | Foundations | Roof | Cladding | Windows | Finishes | Building services | Fixed furniture |

| **Operational Carbon Targets**  |
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| Baseline | Additional proposals from consultant (circle)  |
| Initial Cap | Intermediate Cap  | Final Cap  |
| Note that values (Fossil Fuel and Electricity Use (B6), and Water Use (B7)) for each of these caps can be found within “Transforming Operational Efficiency,” a document published through MBIE’s [Building for Climate Change Programme](https://www.mbie.govt.nz/dmsdocument/11793-transforming-operational-efficiency).  |

| **Design Stage Reports Required (based on New Zealand Construction Industry Council Design Guidelines)** |
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| Baseline | Additional proposals from consultant (circle) |
| Concept | Preliminary | Developed | Detailed | Procurement | Construction Administration Observation | Post Completion |

| ***Consultant to complete this section (continue on separate sheet if necessary)*** **Assessment standards and calculation methodology** – (state what standards have been used and the approach used for calculations) **Data and tools** – (state whether proprietary or bespoke tools have been used, and specify the sources of data used) **Assumptions** – (all assumptions to be made in the assessment must be clearly stated – this may need updating as the assessment is carried out)  |
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