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| **Collaborative Development Program** |
| **Technical Proposal Template** |
| This open-format template is provided for **guidance only**, with prompts for each section, directly addressing the assessment criteria.**NOte:** All Applications will be assessed and ranked according to the Assessment criteria weighting percentages. |

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| **Primary Contact Person (name and position):** **The Applicant:** **Title of Project:** **Note** that Applications/Proposals must be located in Queensland: * Tenement holders - EPMs, MDLs, MLs
* Operator of a mineral concentrator plant, leaching plant, benefaction plant, pilot plant, smelter plant, refinery plant (or other similar infrastructure) associated with a mining operation.
* Holder, Operator or Company with an offtake agreement of a tailings storage facility (TSF), waste rock, metallurgical slag, mine water, spent catalyst or leached ore accumulation.
* Holder or Operator of a coal fired power station on-site fly ash and associated wastes generated from coal-fired power stations.
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**Sections:**

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| Executive Summary | This will be the first piece of information seen by the technical assessment panel. This section should contain key background information, including location, tenure, mine waste site, type of waste and other key contextual information e.g., methodology and processing technique to assess extraction and recovery of targeted critical mineral from mine waste material and desired outcome relevant to: * Extracting and reprocessing;
* Recovery of critical minerals;
* Reprocessing opportunities for critical minerals and novel technologies;
* Reduce waste material; and
* Reusing mine waste associated with industrial uses.
* Accelerate the development of Queensland’s critical minerals sector.
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| 1. 1. Introduction
 | Use the Introduction to explain where information is contained within the proposal. Also provide a note if additional figures are being submitted that are not within the body of the proposal. |

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| GEOGRAPHIC LOCATION  | In this section outline the location of the project including tenure, providing sufficient contextual information for the assessment panel to understand ethe type of Applicant and exactly where the activity is located within the State. Figure X. Map showing location of tenure in the XX region. |

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| POPOSED Methodology ALIGNED TO Geology and PREVIUOS WORK | This section should describe the intended methodology to systematically characterise mine waste. Please indicate the critical mineral being targeted, as well outline an appropriate methodology on specific mine waste materials to assess mineral extraction and by-product recovery (e.g., primary mineral system and geology/mineralogy, or current metallurgical process, previous work) or (re)processing technique(s), including a systematic approach aligned with established baselines and operating procedures. The following is a non-exhaustive list of the types of activities that would be considered for funding under the CDP: * Sampling and characterising mine waste (grab or bulk sampling, drilling), assay and geochemical assessment.
* Prospectivity assessment (geophysical or geochemical surveys) of mine waste (tailings, stockpiles, waste dumps, mine water and leachate) for critical minerals.
* Metallurgical assessment.
* Use of existing processing plants, equipment, and infrastructure facilities for processing of mine tailings and extracting remaining minerals.
* Assessment of processing practises needed due to the minerals/ore being altered by previous mining and/or associated activities.
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| 1. PROPOSED CHARCTERISATION
 | In this section provide the extend of the characterisation technique(s) and provide direct measurement of physical, chemical, or mineralogical parameters and processes employed as part of the methodology. If CDP funding is sought for a specific technique as a part of a larger program, please describe (generally) where the CDP sits within the program. |

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| 1. PROPOSED PROJECT OUTPUTS
 | This section should explain the extent to which the proposal defines measurable project outputs related to extracting and recovery of residual minerals in mine waste. Additionally, this should outline the level of quantifying intended outcomes in waste profiling critical minerals potential.* secondary prospectivity concept i.e., mine waste characterisation to extracting of residual minerals.
* recovery novel technologies to optimise recovery process i.e. low-impact alternatives.
* processing opportunities and upscaling technology to optimise existing process.
* reuse of mine waste applying by-product recovery including industrial reuse.

If relevant to the proposal specify intended deliverables tied directly to producing or substantiating data on critical minerals utilisation (in terms of the recovery process) or demonstratable value to the State (i.e., economic value, enhanced knowledge base, reduction of environmental liabilities, creation of jobs etc). |

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| 1. POPOSED BUDGET / ESTIMATED COST
 | It is recommended Applicants add the Estimated Budget/Project Cost. This provides a convenient snapshot for Assessment Panel of predicting the quantity, cost, and price of the resources required by the scope of a project. Table X. Estimated Budget |

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| 1. PROPOSED TIMELINE
 | It is recommended the proposal includes a proposed timeline. This section should basically show the chronological order of planned events related to your project. It is supposed to give to the Assessment Panel a broad overview of the project at a glance. It does not have to be detailed; events can be arranged in a Gantt chart.Use this section to show an initiative-taking engagement with landholders and contractors (where relevant). Also use this section to prove that arrangements are in place, and that the program will be effectively managed.An accurate costed budget and realistic timeframe is critical for the proposal to demonstrate the proposal is well-planned. Table X. Proposed Timelines |

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| 1. SUPPORT DOCUMENTS
 | Included in the proposal’s body or as separated attachments.* Tables
* Figures
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The [Guideline for applicants](https://www.business.qld.gov.au/industries/mining-energy-water/resources/geoscience-information/exploration-incentives/collaborative-development-program) provides more information for those wanting to apply.

For all questions related to the program, email: GSQ@Resources.qld.gov.au.