# PRELIMINARY NLGC PROPOSALS

**2023/24 National Livestock Genetics Consortium (NLGC) MDC Project Call**

*Preliminary proposals* ***must be submitted in Word document format, size 11 Calibri font with standard margins (2.54cm)****. All italicised instructions should be deleted before submission.* *MLA will acknowledge receipt of each preliminary proposal and record each proposal on the MLA project information system. Applicants will be advised in writing of the success or unsuccess of their preliminary proposal in writing by the week beginning the 22nd April 2024.*

*Please write this preliminary proposal for a well-informed, sheep and/or cattle genetic panel. Avoid jargon and be succinct in regards to the problem and the proposed solution and pathway to adoption*.

**The aim of the preliminary proposal is to give the NLGC an indicative outline of what the project aims to achieve, who is involved and an estimate of cost. Please keep answers and overviews brief.**

***Timing of application***

*Preliminary Proposals (Microsoft Word version) must be submitted electronically at:* [***livestockgenetics@mla.com.au***](mailto:livestockgenetics@mla.com.au)*before 11.59pm AEDT Monday, 15th March 2024. Include the project title in the email subject line.*

***NOTE:*** *A 1–2-minute video pitch on the project will also need be submitted with this preliminary proposal.*

**Project title** *(please delete italicised instructions)*

|  |
| --- |
| *Maximum of twenty words.* |

**Research organisation**

*Full Name of each Organisation, business unit/Department.*

|  |  |
| --- | --- |
| **Name**  **ABN**  **Street Address**  **Postal Address** |  |

**Principal investigator**

*The Principal Investigator is crucial to the delivery of the Project and must be an employee of the Research Organisation.*

|  |  |
| --- | --- |
| **Name**  **Mailing Address**  **Phone Number**  **Email Address** |  |

**Agents/sub-contractors**

|  |  |
| --- | --- |
| **Name**  **Mailing address**  **Phone number**  **Email address** |  |

**Administration contact details**

|  |  |
| --- | --- |
| **Name**  **Mailing address**  **Phone number**  **Email address** |  |

**Species type (i.e. sheep, Northern beef, Southern beef)**

|  |  |  |
| --- | --- | --- |
| Northern beef | Southern beef | Sheep |
| Goat | Mixed Species |  |

**Location/s of research work**

|  |
| --- |
|  |

**Which state/s is the research most relevant to:**

|  |  |  |  |
| --- | --- | --- | --- |
| Queensland | New South Wales | Australian Capital Territory | Victoria |
| Tasmania | South Australia | Northern Territory | Western Australia |
| National |  | |  |

**2023-24 Terms of Reference priority addressed by this preliminary proposal**

*Tick one or more of the boxes to identify the 2023-24 ‘Terms of Reference’ that this proposal will address. ‘Terms of Reference’ that you are not addressing may be deleted.*

*The proposal must address one ‘Terms of Reference’ in order to proceed to the next stage of review by the NLGC. Refer to the separate ‘Terms of Reference’ document for further detail.*

New models for future reference populations

Accelerate the contribution of genetics towards environmental sustainability

New and novel genomic technology

**Summary** *(please delete italicised instructions)*

*Briefly define the problem that has been identified, explain how it will be addressed and describe the benefit of this project for sheepmeat and/or beef producers (200 words maximum).* *The summary must be easily understood by a broad audience. It should clearly and succinctly convey the importance and relevance of the proposed work to the National Livestock Genetics Consortium (NLGC) who will assist MLA managers in the evaluation process.*

**Outputs, outcomes and impacts of the project** *(please delete italicised instructions)*

*Define the outputs (products, services, technologies, knowledge, innovations, etc.) created by, or contributed to, by this project and then describe any attributable outcomes and impacts from these outputs. If no adoption outcomes and impacts apply, please state this.*

**Background of research work** *(please delete italicised instructions)*

*Explain how your research is going to build on existing knowledge within the relevant R&D theme, or justify that it is completely novel. Briefly address each of the following points (one page maximum):*

* *What is the problem or issue?*
* *What is already known about it in Australia and overseas?*
* *What gaps are your project going to address?*
* *What is the basis or reason for the project?*
* *Are there any related or previous R&D projects in the program of work area? If so, how is your project different from previous work?*

**Brief project design and methodology** *(please delete italicised instructions)*

* *What is the research question or hypothesis?*
* *Outline the experimental design and measures.*
* *Explain how the proposed project will deliver the outcomes that industry requires.*
* *Describe how you have engaged with other collaborators during the development of the proposal.*
* *Describe how producers, advisors and other collaborators will be involved in the project from start to end.*

*NOTE: Technical merit will be assessed by the NLGC. A select few proposals will be invited to submit full proposals in stage two.*

**R&D adoption - Pathways to adoption** *(please delete italicised instructions)*

*Each application must consider the relevance of the project and must outline a proposed pathway to the adoption of the research as a component of the project (where applicable). Applicants may consider MLA adoption programs as described* [*in Appendix – 1, ‘Guidelines to developing an adoption pathway for investment call RD&A projects’*](https://www.mla.com.au/globalassets/mla-corporate/research-and-development/documents/funding-oportunities/investment-call/annexure---adoption-programs.pdf)*,. Describe the pathways by which the outputs of this project will be extended to industry, and converted into outcomes and impacts. In completing this section, you should address each of the following questions:*

* *What practical, on-farm issue/problem does this proposal will address?*
* *How many (or what proportion of) sheepmeat and/or beef producers are impacted by the issue/problem(s)?*
* *What are the main impacts on/benefits for sheepmeat and beef businesses from this proposal?*
* *What practices will be adopted as a result of this proposal? How?*
* *Describe the target audience. What proportion of the target audience is likely to adopt the project outputs/ practices?*
* *What engagement and capacity building activities are required?*

**R&D Adoption - Commercial pathways** *(please delete italicised instructions)*

Is the objective for the project outputs to be licensed, sold or otherwise commercially exploited?

YES o NO o

*If yes, please indicate if a commercial partner has already been identified and provide details on any commercial discussions.*

**Confidential external review**

Will you allow this document to be shared with the NLGC Taskforce.

YES o NO o If not, why?

**Intellectual Property (IP)** *(please delete italicised instructions)*

*Note all IP matters that may require attention in a full proposal, including the following:*

* *an outline of anticipated IP (or type of IP) which will be created as a result of this project*
* *proposed ownership of IP created as a result of this project - an outline of how the background IP will be used by industry*
* *any background or existing IP being brought into the project, ownership of that background IP or any encumbrances (such as a licence) and any obligations that could influence adoption of project IP. In addition, include detail on how the background IP will be incorporated in project IP.*

*Please provide detail of this background IP in the table below – add rows if required.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Title/ description** | **Detail** | **Date** | **Comments (including if encumbered)** |
|  |  |  |  |  |
|  |  |  |  |  |

**Service providers** *(please delete italicised instructions)*

*Summarise the role of each participant.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Name and job title** | **Research organisation and ABN** | **Role/responsibility in this project** | **% full time equivalent** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Source of funds** *(please delete italicised instructions)*

*The source of funds total must match the expenditure and milestones totals, including project access fee*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Funding organisation** | **Funding type** | **Funding**  **%** | **Contribution**  **AUD (ex GST)** | **Access fee AUD (ex GST)\*** | **Total**  **AUD (ex GST)** |
| *Insert company trading name \*\** | Aust/International |  |  |  |  |
| MLA | Commonwealth |  |  |  |  |
| **TOTAL** |  | **100%** |  |  |  |

\*The Project access fee is currently either 8% or 12% of the net value of the project. Industry levy payers will pay 8% for their project access fee. All other partners will pay a 12% access fee. This fee is calculated on the net project cost and will be invoiced quarterly. If the project takes longer than the contracted timeframe additional access fees will be proportionally applied, so please think carefully about the dates and duration of your milestones.

\*\* Add additional rows for additional company partners (*Insert company trading name)*

### Overall budget (project “expenditure”) *(please delete italicised instructions)*

### *All budgets are recorded exclusive of GST, however, MLA will pay GST in addition to this budget.*

*Ensure budget is inclusive of all R&D and adoption activities.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **2024-25**  **$** | **2025-26**  **$** | **2026-27**  **$** | **2028-29**  **$** | **TOTAL** |
| Salaries and wages |  |  |  |  |  |
| Operating |  |  |  |  |  |
| Capital (equipment) |  |  |  |  |  |
| MDC Access Fee \* |  |  |  |  |  |
| **TOTAL BUDGET** (excl. GST) |  |  |  |  |  |
| In-kind \*\* |  |  |  |  |  |

\* 8% or 12%

\*\* One line per business

**Risk assessment** *(please delete italicised instructions)*

*Refer to the guidelines and use the following table to assess and evaluate the identified risks for this project.*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Risk** | **Potential Causes** | **Potential Impacts** | **Mitigation Plans** | **Consequences** | **Likelihood** | **Residual Risk Rating** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |