|  |
| --- |
| **GENETICS RESEARCH DEVELOPMENT AND ADOPTION****PROJECT PROPOSAL****2018/19 NLGC ANNUAL CALL**Carefully read and adhere to the GUIDELINES for preparing project proposals that accompanies this templateComplete within field boundaries in this template in Calibri font size 10 and according to the length indicated in the GUIDELINES |

**Project Title** *(Please delete italicised instructions)*

Click here to enter text.

**Research Organisation** *(Please delete italicised instructions)*

|  |  |
| --- | --- |
| **Name** | *Full name of each Organisation and Department* |
| **ABN** | Click here to enter text. |
| **Street Address** | Click here to enter text. |
| **Postal Address** | Click here to enter text. |

**Principle Investigator** *(Please delete italicised instructions)*

|  |  |
| --- | --- |
| **Name** | *The principle Investigator is crucial to the delivery of the Project and must be an employee of the Research Organisation* |
| **Mailing Address** | Click here to enter text. |
| **Phone Number** | Click here to enter text. |
| **Email Address** | Click here to enter text. |

**Administration Contact Details** *(Please delete italicised instructions)*

|  |  |
| --- | --- |
| **Name**  | *Full name of each Organisation and Department* |
| **Mailing Address** | Click here to enter text. |
| **Phone Number** | Click here to enter text. |
| **Email Address** | Click here to enter text. |

**Agent(s)/Subcontractor(s)** *(Please delete italicised instructions)*

|  |  |
| --- | --- |
| **Name** | *Refer to GUIDELINES. An agent/subcontractor is a company/person that provides a service or performs work for a business but is not an employee of that business.* |
| **ABN** | Click here to enter text. |
| **Contact Person** | Click here to enter text. |
| **Mailing Address** | Click here to enter text. |
| **Phone Number** | Click here to enter text. |
| **Email Address** | Click here to enter text. |

**Project Timeframe**

**Proposed start date:** Click here to enter a date. **Proposed end date:** Click here to enter a date.

**Confidential external review** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail. Please check appropriate boxes.*

Will you allow confidential external review of this proposal by the MLA Review Panel and NLGC Taskforce?

Yes [ ]  No[x]  If not why?

Will you allow this document to be shared with Dairy Australia, Australian Wool Innovation, the Grains Research and Development Corporation or the Rural Industries Research and Development Corporation?

Yes [x]  No[ ]  If not why?

**Summary of project** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail. Maximum of 100 words.*

*Provide a plain English summary of the issue, the aims of the project, the methods, outputs and the outcomes in a form understandable by a lay audience/general public.*

Click here to enter text.

**Summary of benefit to a sheepmeat and/or grassfed producer** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail. Please check appropriate boxes and supply a brief summary. Maximum of 200 words.*

Have you consulted with producers in developing this proposal?

Yes [x]  No[ ]  If not why?

*Clearly describe the benefit of this project for a sheepmeat and/or gressfed producer and demonstrate how you have consulted with producers in developing this proposal.*

*Tip: Have your summary read by someone who is not a scientist or familiar with the work you are proposing.*

Click here to enter text.

**2017/18 Terms of Reference addressed by this proposal** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail. Please check one box for each of the three categories to identify the 2017/18 Terms of Reference (ToR) addressed by this proposal*

Identify the one main priority that this proposal will contribute to.

[ ]  Culture Change [ ]  Linking genetics to consumer outcomes and productivity [ ]  Novel and disruptive innovation in Genetics R&D

Allocate all species and regions the proposals will directly impact

Tropical Beef [ ]  Temperate Beef [ ]  Sheep [ ]  Goat [ ]

|  |  |  |
| --- | --- | --- |
| Culture Change | Linking genetics to consumer outcomes and Productivity | Novel and disruptive innovation in Genetics R&D |
| [ ] Seed Stock beef and sheep enterprises[ ] Commercial beef and sheep enterprises [ ] Reproduction messages for ‘Northern Beef’[ ] Expanding reproduction in sheep[ ] Tools to make the use of genetics easier for producers | [ ] Genetics to Objective carcase measurement[ ] Genetics to Eating Quality, yield & other carcase traits [ ] Genetics to MSA data[ ] Other (please provide additional information below) | [ ] Multi breed genetic evaluation[ ] Genetic selection feed conversion efficiency, weight gain, meat quality and fertility[ ] Other (please provide additional information below |

**Background of Research Work and Significance** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail. Maximum of* ***800*** *words or* ***ONE*** *page, including a list of cited references. References can be supplied as an appendix if required.*

*Describe the current problem, issue or need to be addressed.*

Click here to enter text.

**Outputs and Outcomes of Project** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail. Maximum of* ***500*** *words.*

*Define the outputs (products, services, technologies, knowledge, innovations, etc) – and describe the outcomes – created or contributed to by this project.*

Click here to enter text.

**Methodology** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail. Maximum of* ***800*** *words or* ***ONE*** *page.*

*Describe the materials and methods or research plan or experimental protocols or design for this project. Including justification for the proposed approach.*

Click here to enter text.

**Budget and Justification** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail. Please check appropriate boxes.*

Is there a detailed budget attached as an appendix?

Yes [ ]  If so, page number? No[x]  If not why?

**Source of Funds** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail. Complete the whole table – add rows if required. The source of funds total must match the expenditure and milestones totals, including project administration fees.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Funding organisation** | **Funding type** | **Funding****%** | **Contribution****AUD (ex GST)** | **Administration fee eligible (ex GST)** | **Total****AUD (ex GST)** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **MDC** | **Commonwealth** | *50% or N/A?* |  |  |  |
| **TOTAL** |  | **100%** |  |  |  |

**Service Providers** *(Please delete italicised instructions)*

*May include the funding partner. Refer to GUIDELINES for more detail. Complete the whole table – add rows if required.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Organisation name** | **ABN** | **Contracted by** | **Project contact** | **Phone** |
|  |  | MLA or Funding Partner? |  |  |
|  |  |  |  |  |

**Expenditure of Funds by Service Providers** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail. Complete the whole table – add rows if required. All amounts are GST exclusive and do not include project administration fees, note include expenses and capital.*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Service Provider** | **Milestone/s No** | **Salaries, wages** | **3rd party or subcontractor fees** | **Operating Expenses AUD** | **Capital Assets****AUD** | **Total AUD** |
| **Travel – T** | **Materials - M** | **Consumables - C** | **Other - O** |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | **Sub Total** |  |
|  |  |  |  |  |  |  |  | **Admin Fees** |  |
|  |  |  |  |  |  |  |  | **Total** |  |

*Provide any notes on expenditure of funds by service providers as footnotes1*

**Milestones and Budget** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail. Complete the whole table – add rows if required. All amounts are GST exclusive. Separate Schedules should be created for each Service Provider. Payment subject to receipt of your Company’s contributions, completion og milestone to MLA’s satisfaction and receipt of tax invoice and supporting documents as required by MLA.*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Milestones** | **Service Provider** | **Start Date** | **Completion Date** | **Salaries, wages, 3rd party fees** | **Operating Expenses AUD** | **Capital Assets AUD** | **Total AUD** |
| **1** |  |  |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |  |  |
| **5** |  |  |  |  |  |  |  |  |
| **6** |  |  |  |  |  |  |  |  |
| **Sub-Total** |  |
| **Project Access fees** *Add in percentage***%** |  |
| **Total** |  |

**Project Resource Plan** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail. Complete the whole table – add rows if required. Outline how the project will be resourced including who will be responsible for the delivery of milestones and who will be responsible for reporting.*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Milestones** | **Resources required to****deliver milestone** | **Hours required****per resource** | **Hourly rate** | **Person responsible for delivery** | **Contact details** | **Person responsible****for reporting** | **Contact details** |
| **1** |  |  |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |  |  |

**Capital Assets** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail. List the capital assets to be purchased with project funds and the ex GST value of each of these items. Assets will be depreciated at standard Australian Tax Office depreciation rates. Final buy back price will be calculated at the completion of the project.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Description** | **Purchase cost AUD** | **Depreciation Rate** | **Est Months depreciation** | **Est depreciated value AUD** |
|  |  |  |  |  |
| **Total** |  |  |  |  |

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

*Refer to GUIDELINES for more detail. Note all IP matters that may require attention when contracting. Complete both tables below.*

Anticipated Project IP

*Describe anticipated IP (or type of IP) and proposed ownership which will be created as a result of this project. Complete the Table – add rows if required.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Milestone No** | **Description** | **Company**  | **Proposed Ownership Percentage**  |
| 1 |  |  |  |
| 2 |  |  |  |

Background IP

*Complete the Table – add rows if required. Note any background or existing IP being brought into the project, ownership of that background IP or any encumbrances (such as 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.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Milestone No** | **Title/Description** | **Detail** | **Date** | **Comments – including encumbered** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |

Industry use of Project IP

*Refer to GUIDELINES for more detail and definitions – Please check appropriate boxes*

Do you agree with the incorporation of project IP into Breeding Value Services?

Yes [ ]  Not Applicable[ ]  No[ ]

Do you agree with the incorporation of project IP into a National Platform for future research?

Yes [ ]  Not Applicable[ ]  No[ ]

**R&D Adoption – Commercial Pathways** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail – Please check appropriate boxes*

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

Yes [ ]  No[ ]

*If yes, please provide details on any initial commercial discussions (if any), the sector/type of commercial partner required and any current obligations over the IP by any commercial interests.*

Click here to enter text.

**R&D Adoption – Extension Pathways** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail – Maximum 200 words. Describe the proposed extension, adoption or other actions to enable the red mead industry to benefit from this project during and after the implementation period of the project. Tip: Have your response read by someone who regularly works with producers and may be unfamiliar with the work you are proposing.*

Click here to enter text.

**Compelling Value Proposition** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail – Maximum 200 words. Demonstrate compelling value-proposition for Australian Red Meat Industry – may include BCA’s. Demonstrate that the value-proposition is scalable by forecasting the size of the addressable market and likely rate of uptake or the impact for project not arising.*

Click here to enter text.

**Risks** *(Please delete italicised instructions)*

*Refer to GUIDELINES for more detail – Maximum 100 words.Briefly identify the major risks to the project; technical, resources/facility availability, freedom to operate (IP issues), personnel, broader, industry etc; and outline all identified risks and potential mitigation in Appendix 3.*

Click here to enter text.

**Other Agencies**

Have you submitted, or do you intend to submit a similar proposal to another agency?

Yes [ ]  No[ ]

**MLA Standard Terms and Conditions** *(Please delete italicised instructions)*

MLA supplied a copy of the MLA standard terms and conditions for RD&A projects with the invitation to submit a Full Proposal. Please ensure the appropriate officer/s in your organisation review the MLA standard terms and conditions. Record your organization’s acceptance of, or concerns with the MLA standard terms and conditions or any existing terms and conditions that apply to your organisation.

**Certification**

Principal Investigator

In submitting this form I certify:

1. that the information in this application is accurate; the project will be performed in accordance with all statutory, professional and ethical standards and practices. All intellectual property interests have been declared; and
2. in relation to any personal information that the applicant provides to MLA in this application, the applicant warrants that it has:
	1. before providing the personal information to MLA, notified all individuals to whom the personal information relates that it will be disclosing their personal information to MLA for the purposes of this application/ the project and obtained any required consent to such disclosure; and
	2. provided the individuals with the location of where MLA's privacy policy can be found.

Name Title

Signature Date

Head of Organisation or legally delegated officer or Project supervisor

I certify that this application has my approval and the support of this organisation:

Name Title

Signature Date

**APPENDICES**

**Appendix 1: Project Team**

*Complete the following information on project team participants.* ***Maximum one page per team participant.***

1. *Provide: name, qualifications, current institution, position title and previous positions held during the last 10 years.*
2. *In up to* ***200 words*** *describe your contribution to this field or relevant fields over the last 10 years.*
3. *Provide a list of significant publications, reports, extension material (including internet links) or equivalent that you have produced during the last 5 years and your 10 career best publications or equivalent (in particular, as related to this work#). List your current research projects and projects/grants completed over the last 5 years using the following template. Mark# those relevant to this project. Note whether final reports were on time or how late in months.*

**Example project team table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project Title** | **Investigator names****% FTE\*** | **$** | **Years** | **Reports delivered on time or late** |
|  |  |  |  |  |
|  |  |  |  |  |

#Same research area as proposal

\*Full time equivalent. Proportion of each investigators time contributed to each project

**Appendix 2: Budget Planning**

*Attach the budget planning spread sheets used to calculate costs. MLA does not have a preferred template for budget planning.*

*In no more than* ***one page****:*

1. *Provide attached file name and date last updated:*
2. *justify each budget item requested from MLA*
3. *describe how non-MLA contributions (cash and in kind) support the proposed project*
4. *include a breakdown of any institutional overhead charges and their contribution to the project.*

*For salaries, please provide detail about multipliers used to estimate in-kind contributions for all salaries included as in-kind for this project.*

*For operating costs, please provide an explanation of each line item, how this was calculated and how this expenditure relates to achieving the project outcomes.*

**Appendix 3: Risk Assessment** *(please delete italicised instructions)*

*Refer to guidelines (Risk section and Appendices 3 and 4) and use the following consequence and likelihood tables and risk rating matrix to assess and evaluate the identified risks above.*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Risk** | **Potential Causes** | **Potential Impacts** | **Mitigation Plans** | **Consequence** | **Likelihood** | **Residual Risk Rating** |
| *EG. Research results are not valid.* | *Methodology for testing is not robust; poor assumptions applied.* | *Research funds wasted. Reputation may be compromised.* | *Research methodology is discussed and approved by a taskforce or committee comprising relevant subject matter experts (SMEs). Regular meetings will be held to discuss potential issues and interim findings.*  | *4* | *2* | *Medium* |
| *EG. Research results are limited in scope, not representative of the population.* | *Limited number of samples utilised for research, from a limited area.* | *Results are skewed, can only be applied to a small population, or is not considered credible / reliable. Results cannot be used in a meaningful way.* | *Sampling population is large and diverse in terms of location, age, gender and socio-economic status.*  | *4* | *3* | *High* |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

***Appendix 4: Other Appendices*** *(please delete italicised instructions)*

*Any additional information to support the project proposal for the ‘Background of Research Work and Significance’ or ‘Methodology’ sections can be added in as an extra Appendix. Maximum of* ***one page*.**