This template is for applications that have proceeded past the Statement of Interest. It is to be completed once the Applicant is fully familiar with the TIA Funding Application General Guidelines. Specific inputs to be provided by Applicants in each section are explained in said Guideline.

|  |  |
| --- | --- |
| **Short Project Title:** | |
| Name of Applicant: |  |
| Name of company (if applicable) |  |
| Company Registration Number (if applicable) |  |
| Company address (if applicable) |  |
| Telephone Number (land line): |  |
| Alternate Telephone Number (cell phone): |  |
| Email Address: |  |
| Number of employees (if applicable) |  |
| Turnover in the last year (if applicable) |  |
| BEE status (if applicable) |  |
| \*Brief description of core business (if applicable) |  |
| \*Total Funds Requested: |  |
| \*Duration of project: |  |

1. **Fundable activities and applicable area of development**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table 3: Select the activity(ies) for which funding is sought:** Mark with an X | | | | |
| Technology optimization; |  |  | Techno-economic evaluation |  |
| sourcing of intellectual property opinions; |  |  | Production of market samples |  |
| Conducting field studies |  |  | Enabling activities |  |
| Support of certification activities |  |  |  |  |
| Semi-piloting and scale-up |  |  |  |  |

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| --- | --- | --- | --- | --- |
| **Table 2: Identify the focus area(s) into which the project falls**: Mark with an X | | | | |
| Biotechnology |  |  | Industrial |  |
| Agriculture |  |  | Advanced Manufacturing |  |
| Health |  |  | Energy |  |
| Industrial Biotechnology |  |  | ICT |  |
| Other: |  |  | Natural Resources (mining, green tech, waste re-use) |  |
|  | Other (specify): |  |

1. **The Technology**

## Description of the technology

1. Describe the identified problem/need you are addressing in more detail and its significance. How did you validate this need?
2. What is the proposed product/process/service? Please describe in detail.
3. Describe the technology/science underpinning the product/ process/ service to be developed?
4. How is the technology/science disruptive to the current state-of-the art?

## 

## Stage of Development

1. Describe the stage of technology development of the product/process/service?- please attach summary of results on work already conducted on this project (during the pre-seed process).
2. What are the technical risks associated with scaling this technology
3. What are relevant regulations and how you intend to comply with them to progress your technology development and adoption- please include a separate document listing all applicable regulations, the rationale, cost implications and timelines

## Value Chain

### Describe the entire production, manufacturing and distribution value chain. Please include potential supply chain risks that may be encountered.

### Describe how revenue will be generated, or users will be acquired and sustainability thereof?

1. **Intellectual Property**

### Describe your IP management strategy in terms of protection and exploitation, including freedom to operate and ownership.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Filling Date | Patent, Design, Trademark Applications or Granted No. | Date Patent granted/Status | Inventor Details | Assignee/Applicant Name(s) | Title | Region/Territory |
|  |  |  |  |  |  |  |
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### Describe your IP management strategy in terms of protection and exploitation, including freedom to operate.

1. **The Market**

## Market and Industry Analysis

### Who is the target market for the technology?

### Provide detailed analysis of the market segmentation (in terms of size, structure, geography, growth, market need and/or unmet need) and clearly indicate why the defined customers will procure your product/ process/ service.

## Competitive Landscape

### Provide detailed competitor analysis, in terms of strength and weakness of the current and potential competitors.

|  |  |  |  |
| --- | --- | --- | --- |
| **Current/alternative offerings in the market** | **Features of current/alternative offerings**  **(mention the most important advantages and disadvantages of current offerings)** | **Competitive advantage: any superior features that you have over your competitors’ offerings/current offerings.** | **Price** |
|  |  |  |  |

### Clearly define what the drivers of competitiveness are.

## Market Penetration Strategy

### Provide a detailed plan on how you intend to enter the market, be sustainable and expand (enablers to market entry) in the target market. Indicate if you are engaging with potential customers, if so, provide evidence.

1. **PREVIOUS FUNDING AND ACHIEVEMENTS**
2. Provide information on prior funding received for this project (funder’s name and amount received)
3. Have you recently approached other potential business partners/funders for financial support? If so, what is the status of your engagement and application with them?
4. **ECONOMIC AND FINANCIAL AND ReturnS**

### Describe your proposed offering’s overall ability to generate economic value.

### Provide financial projection and indicate when the offering will breakeven and generate profit. (Proposed business model incl. broad assumptions on Selling price and Cost of sales).

1. **The Business**

## Management

### Provide a summary of skills and capabilities of the team to execute the implementation of the proposed work activities; the role of each team member and the time she/he will be spending on the project. Provide summary of résumés (maximum half page per individual) of key team members. This section needs to address the team responsible for the development of the proposed offering(s) and/or commercialisation of the project and include the required skill sets for such a team.

# Please populate the table below:

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Gender** | | **Population Group** | | | | **Nationality** | | **Disability** | | **YOUTH** |
| **M** | **F** | **I** | **W** | **C** | **A** | **SA** | **Non-SA** | **Yes** | **No** | **Age/date of birth** |
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1. **funding request and activities**

### Please indicate your funding requirements and how you plan to use the funds for? Please complete the attached Project execution plan and budget.

1. **Risks**

### Identify the risk which affects the development and commercialisation of the technology and mitigation strategies. (i.e. Regulatory, environmental, financial, personnel, other)

| **Identified Risk** | **Mitigation Strategy** | **Probability of occurrence (H,M,L)** | **Severity**  **(H,M,L)** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |

1. **DECLARATION**

I declare that:

* I am duly authorised to complete and sign this application form for the purpose of applying for funding from TIA and executing the proposed project plan in Section 3.
* I have read and understood TIA Seed Fund Application General Guidelines in the invitation letter or call for proposals; and I have engaged with my university’s technology transfer office, or the equivalent, in the preparation of this application form.
* I am familiar with the Intellectual Property Rights from Publicly Financed Research and Development Act, 2008 (Act 51 of 2008) and understands the implications of this Act on intellectual property derived from projects funded by TIA; primarily my Institutions’ Rights in terms of the Act.
* I am aware that there may be further information required by TIA in respect of this application, and that my failure to provide requested information timeously may lead to a rejection of this application.
* The information contained in this application plus any supporting information is to the best of my knowledge true, accurate and complete at the time of application. I accept that TIA has the right to terminate this application and/or any project funding that may ensue in instances where the information provided is found to be false, and where instances of fraud are detected.
* Unless disclosed above in section 3, I have not applied for or received any other funding from TIA or its previous entities regarding the technology that is the subject matter of this application.

Applicant Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ RSA ID No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_