**Expression Of Interest (EOI) Cover Page**

**EOI submitted for the WRC-TIA Water Seed Fund**

**PROJECT TITLE**

xxx

Date

**LEAD ORGANISATION**

Name

Postal Address

Physical Address

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| --- |
| **Table 1: Applicant information** |
| **Name of Applicant:** |  |
| **Organisation and Department:** |  |
| **Applicant’s Gender**  |  |
| **Applicant’s Race** |  |
| **Disability status ( Y/N)** |  |
| **Contact Number (land line):** |  |
| **Email Address:** |  |
| **Principal Investigator (if different from applicant):** |  |
| **List other Project partners if part of a Consortium** |  |
| **Duration to complete the project** |  |
| **Total Funds Requested:** |  |

**WRC & TIA Seed Fund EOI Template**

*Privileged or confidential information, disclosure of which may harm the proposer, must be clearly marked in the EOI to ensure that such information is not released to persons not involved in the review and evaluation of the proposal.*

*Ensure that any claims made in your EOI are quantified and substantiated.*

The EOI should not exceed **10 pages (**this *exclude the first page and last signature page***)**. Arial size 12 font, line spacing 1.15 and justified text should be use

**Table of Contents**

1. **List the category your technology falls in**

**A. Water related alternative energy sources.**

**B. Alternative sources of water.**

**C. Non-Revenue Water.**

**D. Water Reuse (Industrial/Domestic Wastewater/Greywater/Mine Water).**

**E. Innovative low energy technologies to store/or treat water at households and local scales.**

**F. Innovative decentralised low energy sanitation systems.**

**G. Smart Water Conservation Demand Management (WCDM) devices for commercial buildings and/or households.**

**H. Smart apps to support behavioural change and practice for consumers and their municipalities.**

**I. Smart technologies to manage water distribution and sewerage systems.**

**J. Smart and IoT innovations for water supply e.g. devices, drones, sensors**

**K. Grassroot Innovations to Conserve, Reuse, Treat, and Supply Water**

**L. Grassroot Innovations to support behavioural change and practice for water consumers and suppliers**

1. **Overview**

A summary highlighting the underlying scientific principles behind the technology to be supported, its development pathway and areas of application should be provided. Highlight the innovative elements of the technology, its primary outputs and potential commercial value.

Provide a description of the logical basis behind the technology as an innovative technology solution that will contribute to achieving the Sustainable Development Goals. This can include among others the following:

* + *The identified problem/need you are addressing in more detail and its significance. How did you validate this need?*
	+ *Purpose of technology (water savings, cost savings, significantly improved performance, disruptive innovation etc.);*
	+ *In detail, describe the proposed solution (product/process/service) that is the subject of this application.*
	+ *Design features (Inclusion of photos and diagrams would be useful during evaluation);*
	+ *Level of readiness /stage of development ( please also refer to the annexure below on guidelines on TRLs);*
	+ *Target location (rural, peri-urban and/or urban).*
1. **Budgetary Information**
* Provide an itemised budget estimate for activities for which funding is sought.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Description** | **Current Budget** | **Price Per Unit** | **No of Units** |
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1. **Project Management**

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| * Provide a deliverable schedule that will be used to track the progress of the project with every deliverable milestone allocated a payment amount. The total estimated amount for the project including Value Added Tax (VAT) shall henceforth be referred to as the Contract Amount and may not be exceeded without prior written approval of the WRC and TIA. Depending on the schedule of the project, progress meetings will be set up i.e. Bimonthly, Quarterly etc. between the funding beneficiary and the WRC and TIA.

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| **Deliverable Summary** |
| **Financial Year: 2021/2022** |
| **No** | **Deliverable Title & Description** | **Target Date** | **Amount(R)** |
| 1 |  |  | R0,00 |
| 2 |  |  | R0,00 |
| 3 |  |  | R0,00 |
| 4 |  |  | R0,00 |
| 5 | Final Report |  | R0,00 |
| **Total** | **R0,00** |
| **Grand Total:** | **R0,00** |

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| **Detailed Project plan and Associated budget**Complete the table below to plan for project milestones, activities and budget. (please note that the read text is an example to guide in filling in the project plan)

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| --- | --- | --- | --- | --- | --- | --- |
| **Milestone** | **Activities** | **Duration** | **Responsibility** | **Cost** | **Deliverables** | **TRL** |
| **M0: Market Report** | Holistic report of the envisaged market, barriers & Value proposition informs MVP requirements | 3months (April -June 2018) | - | - | 1. Market overview of various plant varieties
2. Clear regulatory and other market barriers
 |  |
| Stage Gate (measurable deliverable for the milestone): A report with the selected plant variety and list of requirements for the minimum viable product to penetrate the market and/or ensure follow on funding  |  |
| **M1: Technical Validation** |  |  |  |  |  |  |
|  |  |   |   |   |  |  |
|  | 1.
 |   |   |   |  |  |
| Stage Gate  |  |
| **M2:**  |  |  |   |   |   |  |
| **M3:**  |   |   |   |   |   |  |

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1. **Legal**
* Brief description of existing and anticipated intellectual property protection and other related matters:
	+ *Have you conducted any IP search in relation to the proposed product/process/service? If so, list them and mention who the IP owners are.*
	+ *Is the technology patented;*
	+ *Describe any existing intellectual property that underpins the product/process/service that you have registered and ownership thereof*
	+ *Is the product licensed;*
	+ *Are partnerships or benefit sharing agreements required/in place;*
	+ *Are non-disclosure agreements required/in place?*
1. **Market Relevance**
* Description of the market potential for the technology:
	+ *Market need;*
	+ *Target market;*
	+ *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.*
	+ *What is the likely route to market for your proposed solution;*
	+ *Competitive technologies (list existing technologies (competitors) that meet the market need, list their shortcomings);*

|  |  |  |
| --- | --- | --- |
| ***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.***  |
| *Competitor 1* |  |  |
| *Competitor 2* |  |  |
| *Competitor 3* |  |  |
|  |  |  |

* + *Anticipated impact of the technology (describe, where relevant, the political, economic, social, technological, environmental and/or legal impacts of the project).*
	+ *What further activities (beyond the above) would be required before you can commercialise your offering? Which partnerships do you require to achieve this?*
	+ *Provide information on prior funding received for this project (funder’s name and amount received)*
	+ *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?*
1. **Communications and Marketing**
* Describe any efforts that have been undertaken to market the technology locally and internationally. If none, a clear marketing and communications plan will add value to the proposal. Plans for human capital development and potential for SMME growth will also strengthen proposals.
1. **Declaration and signature**
* I declare that:
* I am duly authorised to complete and sign this application form for the purpose of applying for funding from WRC and executing the proposed project plan in Section 3.
* I have read and understood Application General Guidelines in the invitation letter or call for proposals.
* 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 WRC/TIA; primarily my Institutions’ Rights in terms of the Act.
* I am aware that there may be further information required by WRC 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 WRC 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 6, I have not applied for or received any other funding from TIA or its previous entities nor from WRC in regard to the technology that is the subject matter of this application.
* Applicant Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ RSA ID No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Proposal Submission**
* Applications must include in a separate word document, a brief motivation on why the applicant should be considered for the programme, contact information, and evidence supporting the selection criteria highlighted in this call (maximum 2 pages/1000 words).

**The deadline for submitting the EOI in PDF format is close of business on 29 January 2021. No late applications will be considered.** The Completed EOI in PDF format should be emailed to Mr Thabo Mthombeni on thabom@wrc.org.za AND Ms Thembi Ntlemeza on thembin@wrc.org.za.