**CSIR Rental Pool Program Application – 2025/26**

The applicant must hold a minimum of a master degree or an upgraded doctoral degree to be able to create an application.

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| --- | --- | --- | --- |
| **Project Title** | | | |
|  | | | |
| **Project start date** |  | **Planned project end date** |  |

# **Applicant Details**

|  |  |
| --- | --- |
| **Title** |  |
| **Surname** |  |
| **Initials** |  |
| **First Name** |  |
| **Country of Birth** |  |
| **Citizenship Status** |  |
| **ID Type** |  |
| **ID Number / Passport number** |  |
| **Race** |  |
| **Gender** |  |
| **Primary e-mail address** |  |
| **Mobile number** |  |
| **Primary office telephone umber** |  |
| **Name of Institution/organisation** |  |

# **Contact Details**

|  |  |
| --- | --- |
| **Organisation where based** |  |
| **Is this the organisation which funds your salary?** |  |
| **Primary organisation which funds your salary** |  |
| **Department/School/ Institution** |  |
| **Work Postal Address (excluding department)** |  |
| **City/Town** |  |
| **Web Address** |  |
| **Country** |  |
| **Province/State** |  |

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# **Project Title**

|  |  |  |  |
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|  | | | |
| Project start date |  | Project planned end date |  |

# **Abstract**

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| Provide an abstract of the proposed project, the scientific merit and the anticipated impact. Limit this to 500 words. |
|  |

# **Project Research Question**

|  |
| --- |
| Provide a short statement on the research question to be addressed in this project. The research question needs to be short, concise and needs to address a specific challenge which this project intends to provide a response to. |
|  |

# **Project Description**

# **Project Description: Objectives**

|  |
| --- |
| List all project objectives and their explanation in bullet form. |
|  |

# **Project Description: Project Overview**

|  |
| --- |
| Give a detailed overview of the project including scientific and technical aims, expected challenges, planned experimental set-ups and equipment required. Please attach diagrams where possible. Max of 5000 words allowed. |
|  |

# **Project Description: Management Plan**

|  |
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| Give a high-level plan of how the project will be executed. Make reference to own expertise, equipment required, challenges expected and how they will be addressed, planned collaborations. A Gantt chart providing an overview of the project tasks, task durations and milestones must be included in the proposal, as a separate document. **Project proposals without a Gantt chart will be eliminated**. Include comments on laboratory safety, and plans around laser safety. Max of 2000 words allowed. |
|  |

# **Project Description: Detailed Management Plan**

Give a detailed plan of how the project will be executed. List all major tasks to be undertaken, including timeframes (start & end date) and resources linked to each task. Describe the task deliverable(s). In cases where your tasks exceeds the provided tables, please click on the table mover handle at the top left corner of the table to select it copy and paste the table below the last tasks to complete this section.

|  |  |
| --- | --- |
| Task |  |
| Start Date |  |
| End Date |  |
| Deliverables |  |
| Resources |  |

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| Task |  |
| Start Date |  |
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# **Project Description: Project Research Team**

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| Highlight the Principal Investigator’s (PI) track record, if there are external collaborators involved in the project, please also highlight their roles and contribution in the project in table below. **Students are listed under the HCD section** |
|  |

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| --- | --- | --- | --- | --- | --- | --- |
| Name | Role | Institution | Contribution to the project | Demographics | | |
| Gender | Race | Citizenship |
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| **Laser Safety Appointments** | | | | | | |
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**Project Risk**

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| Provide a critical assessment of risk that might impact on the execution of this project, and how this will be mitigated. | |
| **Risk** | **Mitigation** |
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# **Expected Impact, Benefits and Outputs: Beneficiaries and Impact**

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| Explain why this research is relevant to South Africa and the world. Provide a list of beneficiaries for this research and the kind of benefits expected from the research (eg: social, environmental, economic). Indicate if this support will result in significant infrastructural development at your institution. Also, indicate how this R&D work is aligned with industry requirements. Only 2000 words maximum allowed. |
|  |

# **Expected Outputs: Scientific Outputs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Provide a description of the expected scientific outputs from the project (eg: publications in highly rated journals, novel prizes, etc) and provide more detailed on the planned outputs in the table below | | | | | |
|  | | | | | |
| Title or proposed title of scientific output planned | Type of outputs | Potential Authors | Planned date | Name of publication / Conf / other | Status of the output |
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# **Expected Impact, Benefits and Outputs: Human Capital Development**

List all students and staff who will be working towards higher degrees as part of this project. Note, MSc and PhD level students are a key driver for this program. Indicate number of males & females and their ethnicity groups that will be impacted by this project.

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| Level | Black | | Coloured | | Indian | | White | | Staff Member |
| **Male** | **Female** | **Male** | **Female** | **Male** | **Female** | **Male** | **Female** |
| **PhD** |  |  |  |  |  |  |  |  |  |
| **Masters** |  |  |  |  |  |  |  |  |  |
| **Honours/Fourth year Engineering** |  |  |  |  |  |  |  |  |  |
| **Student Name** | **Thesis title** | | | | | | **Supervisor** | | **Co-supervisor** |
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# **Expected Impact, Benefits and Outputs: Commercialisation**

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| Describe the economic potential of the proposed work, and how this economic impact can be realised. Indicate which aspects of the proposed research will deliver new products or services that can be commercialised.  As projects progress indicate what progress has been made to realise this economic potential of the work. Indicate what steps have been taken to protect any Intellectual Property?  If possible, also describe the route to industrialisation and commercialisation for these products/services and indicate or name the potential commercialisation partners. |
|  |

# **Equipment Requested**

**Rental Pool Lasers systems**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Description** | **Specifications** | **Manufacturer** | **Existing/New** | **Estimated Cost** | **Year required** |
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**Ancillary Equipment**

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| Each project will be eligible for new ancillary equipment (smaller diagnostic equipment) to a maximum value of R 100 000 |

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| **Description** | **Specifications** | **Manufacturer** | **Estimated Cost** | **Year required** |
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**Consumables/Running**

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| Please note that consumables requested are limited to optics and other laser-based consumables to support the research project proposed. |

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| --- | --- | --- | --- | --- |
| **Description** | **Specifications** | **Manufacturer** | **Estimated Cost** | **Year required** |
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**Travel**

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| Please note that only travel related costs that may be included is travel for participation in the annual review meeting, or travel and accommodation costs for traveling to CSIR Photonics Centre laboratories or facilities at HEIs where CSIR RPP equipment are hosted to access equipment in approved research projects. |

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| --- | --- | --- | --- |
| **Dates** | **Destination** | **Motivation** | **Estimated Cost** |
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**Summary**

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| **Equipment Requested Summary** | **Year 1** | **Year 2** | **Year 3** |
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| Total |  |  |  |

# **Ethical Clearance**

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| Does this project require ethical clearance? |  |
| Has ethical clearance been obtained? |  |
| Has ethical clearance been attached? |  |

# **Attachments**

|  |
| --- |
| The following additional documents needs to be submitted with your application   * Comprehensive CV with publication track record student supervision record for the Principal Investigator (Compulsory) * Gantt chart for the project (Compulsory) * Proof of Ethics approval is required for the proposed research if applicable (Compulsory) * Quotations for equipment requested |

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| Description |  |
| Document Type |  |

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| Description |  |
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| Description |  |
| Document Type |  |

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| Description |  |
| Document Type |  |

# **APPROVALS**

# **I declare that the information supplied is correct and complete**

|  |  |
| --- | --- |
| Applicant Signature | Date |
|  |  |

**APPROVAL BY DESIGNATED AUTHORITY/RESEARCH ADMINISTRATION or Equivalent Executive**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Title |  | Initials |  | Telephone |  |
| Surname | |  | | Fax |  |
| Department | |  | | Mobile |  |
| Institution | |  | | e-mail |  |
| Designated Authority Signature | | | | | Date |
|  | | | | |  |

Please scan as a pdf and submit by return email to: [nlcrentalpool@csir.co.za](mailto:nlcrentalpool@csir.co.za), and [tiduplooy@csir.co.za](mailto:tiduplooy@csir.co.za)

# **Participating Members**

|  |  |
| --- | --- |
| **Title** |  |
| **Surname** |  |
| **Initials** |  |
| **First Name** |  |
| **Gender** |  |
| **Citizenship** |  |
| **Race** |  |
| **Department** |  |
| **Faculty** |  |
| **Organisation** |  |
| **Email Address** |  |
| **Role** |  |
| **Description of Role in Project** |  |
| **Field of specialisation** |  |
| **Type of Collaboration** |  |

|  |  |
| --- | --- |
| **Title** |  |
| **Surname** |  |
| **Initials** |  |
| **First Name** |  |
| **Gender** |  |
| **Citizenship** |  |
| **Race** |  |
| **Department** |  |
| **Faculty** |  |
| **Organisation** |  |
| **Email Address** |  |
| **Role** |  |
| **Description of Role in Project** |  |
| **Field of specialisation** |  |
| **Type of Collaboration** |  |

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| **Citizenship** |  |
| **Race** |  |
| **Department** |  |
| **Faculty** |  |
| **Organisation** |  |
| **Email Address** |  |
| **Role** |  |
| **Description of Role in Project** |  |
| **Field of specialisation** |  |
| **Type of Collaboration** |  |

Please scan as a pdf and submit by return email to: [nlcrentalpool@csir.co.za](mailto:nlcrentalpool@csir.co.za), and [tiduplooy@csir.co.za](mailto:tiduplooy@csir.co.za)