**CSIR Rental Pool Program Application – 2026/27**

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

|  |
| --- |
| **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 email address** |  |
| **Mobile number** |  |
| **Primary office telephone number** |  |
| **Name of institution/organisation** |  |

# **Contact details**

|  |  |
| --- | --- |
| **Organisation where based** |  |
| **Is this the organisation that funds your salary?** |  |
| **Primary organisation that 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, including scientific merit and anticipated impact. Limit this to 500 words. |
|  |

# **Project research question**

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

# **Project description: Objectives**

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| List all project objectives and their explanations in bullet form.  |
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# **Project description: Project overview**

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| 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. A maximum of 5 000 words is 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 and 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. A maximum of 2 000 words is 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 and end date) and resources linked to each task. Describe the task deliverable(s). In cases where your tasks exceed 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.

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| --- | --- |
| 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 track record. If there are external collaborators involved in the project, please also highlight their roles and contributions in the project in table below. **Students are listed under the Human Capital Development (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 the execution of this project and how these 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 (e.g., social, environmental and economic). Indicate if this support will result in significant infrastructural development at your institution. Also, indicate how this research and development work is aligned with industry requirements. A maximum of 2 000 words is allowed. |
|  |

# **Expected outputs: Scientific outputs**

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| Provide a description of the expected scientific outputs from the project (e.g., publications in highly rated journals, novel prizes and so forth) 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/conference/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 programme. Indicate the number of males and females and their ethnic 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** |  |  |  |  |  |  |  |  |  |
| **Master’s** |  |  |  |  |  |  |  |  |  |
| **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 R100 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 proposed research project. |

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

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

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

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| --- | --- | --- | --- |
| **Equipment requested summary** | **Year one** | **Year two** | **Year three** |
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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**

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| --- |
| The following additional documents need to be submitted with your application:* Comprehensive curriculum vitae with publication track record and 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 |  | email |  |
| Designated authority signature | Date |
|  |  |

Please scan as a pdf and submit by return email to: nlcrentalpool@csir.co.za and 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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| **Title** |  |
| **Surname** |  |
| **Initials** |  |
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| **Department** |  |
| **Faculty** |  |
| **Organisation** |  |
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| **Description of role in project** |  |
| **Field of specialisation** |  |
| **Type of collaboration** |  |

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