|  |  |
| --- | --- |
|  | A close up of a logo  AI-generated content may be incorrect.:  |
|    |
|  |
|  |

**CFP 001/03/18/2025 (application template)**

*This document serves as a formal application/proposal from an SMME to the CPAM Industry Support Programme.*

**Instructions:**

* Submit the completed application/proposal via email to:
	+ Boitumelo Mabilo
	+ Tel.: 012 841 4960
	+ Email: bmooketsi1@csir.co.za
* Direct any technical queries to the CPAM Technical Lead:
	+ Dr Washington Makoana
	+ Tel.: 012 841 4016
	+ Email: nmakoana@csir.co.za

**Collaborative Programme in Additive Manufacturing (CPAM)**

**2024/25 FY**

CFP 001/03/18/2025 (Application Template)

|  |
| --- |
| (Insert the title of the project here)  |

Organisation:

Address:

Compiled by:

Contact person:

Telephone no:

Email:

|  |  |  |
| --- | --- | --- |
| **Signature**  |  |  |
|  |   |
| **Date**  |   |   |

CONTENTS

[1 Introduction 4](#_Toc192672971)

[1.1 Organisational profile 4](#_Toc192672972)

[1.2 Background and motivation 5](#_Toc192672973)

[1.3 Market need 5](#_Toc192672974)

[1.4 Project goal and objectives 6](#_Toc192672975)

[2 Project management 6](#_Toc192672976)

[2.1 Description of tasks/phases 6](#_Toc192672977)

[2.2 Deliverables 6](#_Toc192672978)

[2.3 Resource planning 6](#_Toc192672979)

[2.4 Schedules and costs 6](#_Toc192672980)

[2.5 Roles and responsibilities 6](#_Toc192672981)

[2.6 Risk management strategy 6](#_Toc192672982)

[3 General contracting information 7](#_Toc192672983)

[3.1 Management 7](#_Toc192672984)

[3.2 Reporting 7](#_Toc192672985)

[4 Notes and appendix 7](#_Toc192672986)

# Introduction

## Organisational profile

*Please provide a brief profile about your organisation by completing the table below.*

|  |  |
| --- | --- |
| Factor | Information |
| Registered company name |  |
| Company registration number |  |
| VAT registration number |  |
| Company address |  |
| In which industry(ies) does the company mostly operate? |  |
| Company website |  |
| Company contact person name |  |
| Company contact person position |  |
| Company contact person email |  |
| Company contact person contact number |  |
| What is the company’s exposure in metal and/or polymer additive manufacturing (AM) – printing?  |  |
| What is the company’s exposure in metal and/or polymer additive manufacturing (AM) – design.  |  |

*Please provide B-BBEE information (include B-BBEE status and attach the B-BBEE certificate).*

|  |  |
| --- | --- |
| Factor | Level/Achievement |
| B-BBEE level (attach B-BBEE certificate) |  |
| Percentage black ownership |  |
| Percentage woman ownership |  |
| Is there any youth ownership in the company? (Y/N) |  |

## Background and motivation

*This section must demonstrate the company’s/team’s understanding of the technical problem(s) by providing a background and motivation for the support required from the CPAM industry support programme. The required information must be provided along with the completion of the table below.*

|  |  |
| --- | --- |
| **Factor**  | **Information**  |
| Do you have a CAD model for the part? |  |
| Is further design for AM required? |  |
| Has the material for the parts been determined?  |  |
| If YES, please specify. |  |
| Has an AM technology of choice been identified, i.e. FDM, SLA, DLP, SLS, etc.? |  |
| If YES, please specify. |  |
| Will post-processing of parts be required? |  |
| If YES, please specify. |  |
| What other needs did the company identify with which the programme could assist? |  |

## Market need

*Please provide a description of how you identified the need(s) and requirements for your project within the relevant market(s), along with a clear market need and business case. This information must be provided along with the completion of the table below, which may be used as a guideline.*

|  |  |
| --- | --- |
| **Factor**  | **Information**  |
| Which industry would be a best fit for the product? |  |
| What is the current state/progress of the product (mark with an X)? | Infancy [ ] | Prototype [ ] | Developed [ X ] |
| Channel for sale of the product (mark with an X)? | Direct [ ] | Reseller [ ] | Retailers [ ]  |
| Do you have an estimated manufacturing price for the product? | YES [ ] | NO [ ] | Price:  |
| Do you have an estimated selling price for the product to the market? | YES [ ] | NO [ ] | Price: |
| What is the estimated quantity per month? |  |
| Why do you feel AM is the correct manufacturing method for the product? |  |

## Project goal and objectives

*The project goal is a clear statement about what the project wants to achieve. It can be general, technical, or non-technical, but it should set a clear direction and outline the project's objectives*.

# Project management

## Description of tasks/phases

*Pl*e*ase provide a brief description of the tasks/phases required to complete this project successfully.*

## Deliverables

*Specify all deliverables/outcomes expected upon completion of the project.*

## Resource planning

*Include all resources that will be necessary to achieve your goals and objectives.*

## Schedules and costs

*Please provide an overview of the project timeline and budget.*

## Roles and responsibilities

*Division of responsibilities amongst team members and collaborators.*

## Risk management strategy

*List all the major risks associated with the project and what strategies will be put into place to minimise these risks.*

# General contracting information

## Management

Your contact persons at the CSIR are:

| Name | Contact details  | Job description |
| --- | --- | --- |
| Boitumelo Mabilo | 012 841 4960/bmooketsi1@csir.co.za | Project Admin |
| Dr Washington Makoana | 012 841 4016/nmakoana@csir.co.za | Technical Lead  |

## Reporting

*Reporting guidelines will be provided during the contracting phase.*

# Notes and appendix

*Please provide any supporting documentation that will assist with the project proposal.*