

Advanced Manufacturing Research Facility

Project Proposal Template

wpc.a.sydne.y/amrf

1. General Information

If your organisation is interested in undertaking a project with AMRF, please submit a proposal via this Project Proposal Template.

Through this template, the AMRF team also wants to hear from industry about ways to maximise the value of the AMRF to the manufacturing industry. We are keen to receive information about your organisation's research and development priorities and feedback on AMRF market propositions. This market input will be critical to ensuring the AMRF delivers long-term benefits and is primed to support your organisation's priority projects.

Project proposals

The process will be as follows:



Customer submits project proposal



AMRF reviews project proposal and determines if it is feasible



Jointly develop project scope, which informs project price



Parties enter into binding project agreement



Project is scheduled

Assessment of project proposals and considerations

In assessing project proposals, the AMRF will give consideration to the following and any other relevant matters that may come to its attention:



Project requirements: feasibility of the project and project scope



Technology and resource availability at the AMRF: alignment of the project's timing requirements with expected availability of the equipment and expert resources at the AMRF



Customer readiness: the customer is ready to commence projects at the AMRF



Alignment of objectives: project will deliver meaningful benefits to the customer, enhance manufacturing processes and knowledge, or benefit the NSW manufacturing industry as a whole

Confidential discussions

Proposed projects that align with the AMRF's capabilities and objectives will be explored further in one-on-one, confidential discussions with the AMRF team.

During the discussion stage, the AMRF team will work with the customer to scope the project proposal and discuss appropriate commercial terms where required. The confidential discussions will also inform the scheduling of projects at the AMRF. While the AMRF aims to support as many projects as possible, some projects may occur before others due to capacity and availability of resources.

If project scope, deliverables, and pricing are agreed in-principle between the AMRF and customer, these terms will be reflected in a binding project agreement.

Please complete this template with information related to your organisation and project and submit the form to us at amrf@wpca.sydney.

2. Organisation information

2.1 General

Legal name:

Trading name:

Australian Business Number (ABN) or Australian Company Number (ACN):

Address of Registered Office:

Website:

Legal status of organisation:

(e.g. private, publicly listed, multi-national)

2.2 Primary Contact

Contact person:

Position:

Phone No.:

Email:

2.3 Organisation information

Please provide a brief description of your organisation:

Please list the primary location(s) in which your organisation is based and/or operates:

Organisation type

Manufacturer – small business
(<20 employees)

Manufacturer – medium business
(20-199 employees)

Manufacturer – large business
(200+ Employees)

Government

Research institution

Education provider

Technology provider

Other (e.g. Consulting,
Engineering, Design, etc.)
Enter in text box.

**How would you describe the current level of advanced manufacturing technology adoption in your organisation?
(select one)**

We are interested but
unsure where to start

We've had some success
and are keen to continue

Not applicable

We've made a start and
it's underway

It's well-developed

3. Project proposal

Does your organisation have a Project Proposal for the AMRF?

3.1 Project

Please describe your Project Proposal:

What technology or service at the AMRF would you like to access?

Please indicate the development stage of your Project Proposal:

Early scoping

Business case development phase

Business case approved

If you do not have a business case for your Project Proposal, would you be interested in co-developing a business case at the AMRF?

Yes

No

How long is the project expected to take (if known)?

When would you like the project to take place (if known)?

How can the AMRF support the development of the project?

Do you have preferred partners you would like to work with on the Project Proposal?

Are there any barriers to progressing the project?

4. Feedback on technology and capability (optional)

Which AMRF capabilities are your organisation interested in? (Mark all that apply)

Manufacturing Design	Precision Machining	Automation	Metrology
Design for manufacture	Virtual programming and simulation	Process control systems	CT scanning
Design for additive manufacture	Advanced processes (e.g. grinding, gear cutting)	Cobotics and autonomous mobile robots	Surface scanning and recording
Engineering drawings with geometric dimensioning and tolerancing (GD&T)	Machining optimisation	Data acquisition, IIoT, machine learning & analytics	Confocal / digital microscopy
Tooling and fixture design	Wire EDM		Coordinate measuring
			Precision inspection (using metrology tools)
Additive Manufacturing	Digitisation	Composites Manufacturing	Materials
Laser-Powder Bed Fusion (L-PBF)	Digital threading and twinning (optimisation of industrial assets)	Rapid tooling manufacture	Heat treatment
Additive manufacturing process qualification	Visualisation, simulation & modelling of factory systems	Compression moulding	Qualification
Large-scale additive manufacturing (polymers)	Manufacturing systems integration & optimisation (proof of concept through digitisation)	Filament winding	Testing
	Product Lifecycle Management (PLM) / Product Data Management (PDM)	Ply cutting and automated kitting	Failure analysis
		Large-scale composite layup & machining	

Which AMRF services are you interested in? (Mark all that apply)

Process	Parts	People	Partnerships
Manufacturing process development and access to equipment	Technology demonstrator (demonstrating new technology to manufacture a part)	Technology-specific workforce development/ upskilling (exposure to specific technology)	Networking (e.g. events and technology seminars)
Field Services: Process assessment and optimisation	Functional prototypes (working parts)	Embedded personnel onsite at AMRF (exposure to advanced manufacturing)	Multi-organisational collaborations
Research industrialisation		Internships/ apprenticeships at the AMRF	

Are there any other manufacturing themes that you are interested in?

How and when would you be likely to use AMRF?

Are there any barriers to your organisation accessing the AMRF's services?

5. Feedback on membership program

5.1 Membership program

Would you be interested in participating in a membership program at the AMRF? Yes No

If yes, what benefits do you consider should be included in the membership program? e.g. networking and events, training, access to publications

Any other comments on membership:

6. Feedback on commercial approach

We plan to design our pricing approach to:

- promote fair access to the AMRF across the whole industry – from SMEs to large multi-national corporations
- ensure the long-term sustainability of the AMRF in the Australian manufacturing ecosystem
- allow for reinvestment in technology to meet the future needs of industry
- provide customers with value-for-money access to expert support and world class technology.

6.1 Commercial

Please provide feedback on the key commercial principles (see above) the AMRF will apply to pricing projects. Are there any other pricing principles that are important to your organisation?

Are there any commercial or legal terms that are important for your organisation in working with the AMRF?
e.g. relating to Intellectual Property ownership.

Any other comments or questions about the commercial approach?

Appendix A - Conditions of participation

1 Definitions

Unless the context indicates otherwise, the following terms, where used in this Proposal template, have the meanings set out below.

Considerations	means the considerations set out on page 3 of the Proposal template.
NSW Government	means the Crown in right of the State of New South Wales and its agencies.
Respondent	means a respondent who submits this Proposal.
Proposal	means a Project Proposal submitted to the AMRF.
WPCA	means Western Parkland City Authority (ABN 84 369 219 084).

2 Process

2.1 No legal relationship

Submission of this Proposal does not create any legal relationship and is not a recommendation or offer to enter into a legal relationship, contract, agreement or other arrangement.

Nothing in the consideration of the Proposal, obliges WPCA to enter into any agreement with the Respondent, creates a “process contract” or other implied contract, obliges WPCA to consider or accept any Proposal.

By submitting a Proposal, the Respondent acknowledges that WPCA reserves the right to accept or reject any Proposal. WPCA is not bound to enter into a contracting arrangement with any Respondent.

3 Evaluation of Proposal

3.1 Considerations

Proposals will be evaluated against the Considerations.

3.2 Consideration of Proposals

WPCA will determine, in its absolute discretion, which Proposal or Proposals satisfy the Considerations.

4 General

4.1 Disclaimer

WPCA makes no representation or warranty, express or implied, as to the accuracy or completeness of any information or data or statement given or made in this Proposal. Respondents are responsible for forming their own independent judgments, interpretations, conclusions, and deductions about any information or data in this Proposal, and Respondents should examine all information relevant to the risks, contingencies and other circumstances that could affect their Proposal. WPCA will not be liable to Respondents, if Respondents rely on any information or data in this Proposal.

4.2 Confidentiality and ownership of materials

Information submitted in a Proposal (unless in the public domain) will be treated as “Commercial in Confidence” and will be kept confidential by WPCA. Such information will only be disclosed by WPCA for the purposes of evaluation of the Proposal, or as required by law or government policy. By submitting a Proposal, a Respondent gives WPCA and the NSW Government an exclusive licence to make copies of, extract or otherwise deal with its Proposal for any purpose related to this submission.

Western Parkland City Authority

T: 1800 312 999

E: hello@wpca.sydney

W: wpca.sydney/amrf

