The following Expressions of Interest (EOI) is for a 3-month feasibility or development project conducted under the remit of the Applied Image Engineering (AIE) Group. The next AIE Standard Grant round deadline is 15 March 2019. Please complete ALL sections of this form and send as an e-mail attachment to [AIE@mmu.ac.uk](mailto:AIE@mmu.ac.uk). *Please read the guidance notes before completing the form.*

**Guidance:**

*The AIE Group is specifically looking for projects that promote the development of innovative and novel image processing applications using (but not limited to) deep learning and artificial intelligence. The area of application is not limited and involves staff across the entire Faculty of Science and Engineering. If you would like to discuss details of scope, please contact:*

* *Dr Allen* [*T.Allen@mmu.ac.uk*](mailto:T.Allen@mmu.ac.uk) *- School of Engineering*
* *Dr Yap* [*M.Yap@mmu.ac.uk*](mailto:M.Yap@mmu.ac.uk) *- School of Computing, Mathematics and Digital Technology*
* *Dr Grant* [*Robyn.Grant@mmu.ac.uk*](mailto:Robyn.Grant@mmu.ac.uk) *– School of Science and the Environment*
* *Dr Johnson* [*C.I.Johnson@mmu.ac.uk*](mailto:C.I.Johnson@mmu.ac.uk) *- School of Engineering*

*This EOI is for Research Associate time funded by AIE although EOIs that include matched funding will be given priority. Matched funding is considered as a minimum of £3K for a 3-months full time project and must include a letter of support indicating an external client is willing to meet this cost including, where detailed, additional indirect costs such as specialist hardware and travel. Projects that can contribute in excess of this will be given additional consideration. Please discuss details of indirect costs that may be covered by this scheme with the members listed above.*

*SMEs in Greater Manchester can get up to £5k of match funding through innovation vouchers: https://www.businessgrowthhub.com/news/2018/11/5000-innovation-voucher-scheme*

*If the proposed project does not fit within a 3-month delivery plan, then alternative methods of delivery will be considered e.g. 6-month 50%-part time. To allow this an additional project plan will need to be included page 5 and 6 of this proposal. Projects must fit within a 3/6/9/12-month window.*

*The AIP decision panel will be specifically evaluating proposal on their potential to introduce new revenue streams and their ability to produce significant impacts from the proposed work i.e. papers and REF returns. Impacts will likely be realised post project and as such applicants should demonstrate how they will support these outputs after development of the project life cycle outcomes i.e. bids and funding councils, papers and target journals, conferences, etc.*

|  |  |
| --- | --- |
|  | Please confirm you have read the guidance above |
|  | Please tick if you have discussed the project with a member of AIE  Is so please indicate who: |
|  | Please confirm that a letter of support is included if you are applying with Matched Funding. |

Signed…………………………………………..

[NAME]

Date:

## Project Details

|  |  |
| --- | --- |
| **Project name:** |  |
| **Date:** |  |
| **PI and Co-I(s) :** | (Including Faculty/Department) |
| **Proposed Duration:** | 3 months (if not complete section Project Plan Section P:5-6) |
| **Preferred Completion Date:** |  |

|  |  |
| --- | --- |
| Abstract: | *(150 Words)* |
|  | |

## Project Partner: (if applicable)

|  |  |  |
| --- | --- | --- |
| Partner Details: | [Company Name, Address] | |
| Primary Contact: | [Provide the Name and Contact Details] | |
| Partners Activities:  *(50 Word)* | [Please describe the company’s main purpose] | |
| Will an IPR agreement be needed? | [Yes/No] | |
| IPR Details | [Please indicate how the Intellectual property will be shared and the type of agreement needed referring to the [lambert toolkit](https://www.gov.uk/guidance/university-and-business-collaboration-agreements-lambert-toolkit#model-research-collaboration-agreements) if required] | |
| Project Summary | | *(600 Words)* |
| Describe the proposed project including the if applicable the impact achieved to date and the nature of the opportunity to improve it using AIE EOI funds.  Work will either investigate new areas or support existing areas in line with current research centre and aim to:   * Bring about innovative new solutions with a clear route to market and benefits realisation strategy, potentially introducing a step change to commercial/funding opportunities. * increase the impact itself (i.e. increase the nature of the change or improve the sustainability) and/or enhance the cascade of the impact to a wider audience or community of beneficiaries.   This must be no more than 600 words and should include the following:   * aims & objectives * research context * methodology * Skills needed | | |

|  |  |
| --- | --- |
| Desired Outcomes | *(500 Words)* |
| Describe briefly the body of research to which the impact is attributed. What evidence is available to date which links this unambiguously to the body of research?  What opportunities, if any, do you want to take to provide evidence of this linkage, for example through partner or third-party interviews of the change in activities? You may wish to use activities which enhance the impact to provide this evidence at the same time.  What will the specific outputs be? For journal and conference papers please indicate your target. You may wish to indicate which funding council you will be targeting and if possible specific calls.  What evidence do you have for the impact itself? You may wish to use the project activities to increase the scale or robustness of the evidence for impact in order to encourage embedding and cascading that accelerate impact. | |
| How will you be supporting the delivery of these outcomes? | |
| What activities will you carry out to achieve the objectives you describe above and what is the route to market/additional funding? | |

**Complete this section only if you have requested a variation to the proposed 3-month work package.**

|  |  |
| --- | --- |
| Project Plan | *(1000 Words)* |
| What activities will you carry out to achieve the objectives you describe above. Please provide a budget breakdown against each of the activities. Please provide a simple Gantt chart/description of activities undertaken by both the University and the partner. | |

|  |  |
| --- | --- |
| Brief Justification for Alternative Time | *(200 Words)* |
|  | |

## Project Objectives

|  |  |  |
| --- | --- | --- |
|  | **Target** | **Tolerance** |
| **Scope** |  |  |
| **Time** |  |  |
| **Cost** |  |  |
| **Quality** |  |  |
| **Risks** |  |  |
| **Benefits** |  |  |