**Proposal Title: [ ]**

**Mark the challenge you intend to address:**

**Challenge 1:** Reliable high-bandwidth communication for off-board control of drones

**Challenge 2**: Stereo event-camera on miniature drone

**Challenge 3:** Human Operator interface for FA-IUAS

**Challenge 4:** Crack detection with multi-element ultrasound transducer

**Challenge 5:** Synchronization of multi-modal sensor data

**Are you applying as:**

Single Entity

 Consortium

Proposal submitted for the Open Call for Tech Solutions

Table of Contents

[1. introduction (Max. 1 page) 3](#_Toc190793487)

[2. Technology concept [Max. 3 pages] 3](#_Toc190793488)

[A. methodology 3](#_Toc190793489)

[B. Technical Description of the Solution 3](#_Toc190793490)

[C. Licensing and IPR 3](#_Toc190793491)

[3. Ambition & scalability potential [Max. 1 Page] 4](#_Toc190793492)

[4. implementation [Max. 1 Page] 4](#_Toc190793493)

[5. High level Budget (1 page) 4](#_Toc190793494)

[6. Team skills & expertise [Max. 1 Page] 5](#_Toc190793495)

[7. APPENDIX of Additional Figures and Tables [Max. 3 Pages] 6](#_Toc190793496)

inStructions

Please use this template to prepare your proposal description. It has been organised to ensure that the important aspects of your proposal are clearly measurable with respect to the evaluation criteria.

1. The structure of this template must be followed when preparing your proposal. The questions will help you to be cohesive and objective. Applicants using other kinds of template/document structures will be automatically ineligible.
2. The page limit for the full proposal is 8 pages (Not including cover page, Table of Content, Instructions Page, References and Appendix). Please respect the limits (No. of pages) indicated in each section.
3. All tables and eventual figures/schemas must be included within this limit. The allowed font type is “Calibri or Ubuntu” and the font size is 11 points. The page size is A4, and all margins (top, bottom, left, right) should be at least 15 mm.
4. Adding Annexes/Appendix to this document are allowed. (3 pages maximum).

# introduction (Max. 1 page)

* Give a general overview of the proposed solution, describe the main scope and the main objectives.
* How would it fit within the AUTOASSESS idea?

# Technology concept [Max. 3 pages]

* Describe the technology concept behind the proposed solution.

# methodology

* Describe the methodology applied to the development of the proposed solution.

# Technical Description of the Solution

* Describe the capabilities and the requirements of the proposed solution:
* Capabilities: what can the solution do? What problem does it solve? What formal language/planning features it supports? Any limitation (e.g. is the solution domain specific? Or does it make any particular assumption on the input problem)?
* TRL: what is the current TRL of the proposed solution? Has the solution been used in some projects/applications already? If so, which ones?
* Are there any publications related to the solution?
* Technical requirements (e.g. operating system, external libraries or tools, programming language).

# Licensing and IPR

Describe/report the license and the availability of the proposed solution.

* Does the solution have a license already? In case, which one?
* Who is the owner?
* Under which terms the AUTOASSESS consortium will be able to use/integrate the solution?

# Ambition & scalability potential [Max. 1 Page]

* What are your ambitions and expectations concerning the proposed solution? (from the scalability potential perspective)
* What are the main solution contributions to the industry?
* What are the main solution impacts in industry?
* How will AUTOASSESS impact the proposed solution?

# implementation [Max. 1 Page]

Your project within AUTOASSESS is expected to be carried out in 6 months, with three cycles of 2 months each. The cycles are:

* Plan
* Develop & Integrate
* Assess

Briefly explain how the work will be organized based on the programme cycles. Provide an idea of what output one can expect at the end of each cycle and what deliverables are foreseen as tangible output of the project.

# High level Budget (1 page)

**Organisation 1**

|  |  |  |
| --- | --- | --- |
| **Costs** | **Total** | **Justification** |
| Total number of PM (Person Month)[[1]](#footnote-1) |  |  |
| Cost per PM[[2]](#footnote-2) |  |  |
| Overall Personal Costs[[3]](#footnote-3) |  |  |
| Equipment Cost[[4]](#footnote-4) |  |  |
| Other goods/services |  |  |
| Total Cost |  |  |

**Organisation 2 (Fill in this table if you are applying as a consortia. Organisation 2 info)**

|  |  |  |
| --- | --- | --- |
| **Costs** | **Total** | **Justification** |
| Total number of PM (Person Month)[[5]](#footnote-5) |  |  |
| Cost per PM[[6]](#footnote-6) |  |  |
| Overall Personal Costs[[7]](#footnote-7) |  |  |
| Equipment Cost[[8]](#footnote-8) |  |  |
| Other goods/services |  |  |
| Total Cost |  |  |

**Note:** Funding rate of 70% of the costs for SMEs and 100% for Start-ups.

If apply as a consortia, the funding to each consortium member has to be distributed as appropriate to each project, but can reach a maximum of €100 000 per project.

# Team skills & expertise [Max. 1 Page]

* Summarise the competencies of the team involved in the proposal in the table below:

|  |  |  |  |
| --- | --- | --- | --- |
| Name of the Person | Role in the proposed project | Link to LinkedIn or Similar (if available) | Work Experience |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| \*Add lines as required |  |  |  |

* Briefly describe the organisation involved in the proposal (if you are applying as a consortia, please describe both organisations (1 and 2) involved in the proposal).
  + Organisation 1:
  + Organisation 2:
* Answer the question below only if you are applying as a consortia:
* Briefly describe the role of each organisation in the project deployment.

# APPENDIX of Additional Figures and Tables [Max. 3 Pages]

While the rest of the document should be self sustainable, additional space can be provided here for optional context, state of the art, market etc. Adding information to this section is optional. The analysis of this section is not mandatory to evaluators.

1. Total number of the person month (PM) involved in the project. [↑](#footnote-ref-1)
2. Average cost of person month (PM) of the project team members. [↑](#footnote-ref-2)
3. Total cost of the personnel (PM) realizing the project (Total nr PM x Cost per PM) [↑](#footnote-ref-3)
4. Include the overall cost of equipment required to implement the solution. [↑](#footnote-ref-4)
5. Total number of the person month (PM) involved in the project. [↑](#footnote-ref-5)
6. Average cost of person month (PM) of the project team members. [↑](#footnote-ref-6)
7. Total cost of the personnel (PM) realizing the project (Total nr PM x Cost per PM) [↑](#footnote-ref-7)
8. Include the overall cost of equipment required to implement the solution. [↑](#footnote-ref-8)