**Annex 8.1**

**Technical offer. Part I**

**Requirements of the software proposed.**

EGI/2023/OP/0001

1. **Functional requirements**

Describe the specific features and functionality that the software must have in order to meet the objectives.

| ID | Type | Description according to technical specifications (Describe your proposal) |
| --- | --- | --- |
| General functional requirements |
| GFR\_1 | System |  |
| GFR\_2 | System |  |
| GFR\_3 | System |  |
| GFR\_4 | System |  |
| GFR\_5 | Users |  |
| GFR\_6 | Users |  |
| GFR\_7 | Admin |  |
| Specific functional requirements |
| Data acquisition and storage (DAS) |
| SFR\_DAS\_1 | Camera data |  |
| SFR\_DAS\_2 | Camera data |  |
| SFR\_DAS\_3 | Camera data |  |
| SFR\_DAS\_4 | Input data |  |
| SFR\_DAS\_5 | Camera data |  |
| SFR\_DAS\_6 | Camera data |  |
| SFR\_DAS\_7 | Camera auxiliary data |  |
| SFR\_DAS\_8 | Camera auxiliary data |  |
| SFR\_DAS\_9 | Third-party data sources |  |
| SFR\_DAS\_10 | Image data |  |
| SFR\_DAS\_11 | Image data |  |
| SFR\_DAS\_12 | Image data |  |
| Data analysis (DA) |
| SFR\_DA\_1 | ROI definition |  |
| SFR\_DA\_2 | ROI definition |  |
| SFR\_DA\_3 | ROI definition |  |
| SFR\_DA\_4 | ROI definition |  |
| SFR\_DA\_5 | ROI data |  |
| SFR\_DA\_6 | ROI data |  |
| SFR\_DA\_7 | ROI data -averaged |  |
| SFR\_DA\_8 | ROI data-averaged fitting |  |
| SFR\_DA\_9 | Image & ROI meta data |  |
| SFR\_DA\_10 | Image and ROI data - custom |  |
| Built-in examples of trained AI models (AIM) |
| SFR\_AIM\_1 | Apple AI model |  |
| SFR\_AIM\_2 | Flowering AI model |  |
| Data visualization (DV)  |
| SFR\_DV\_1 | Image & ROI |  |
| SFR\_DV\_2 | Image & ROI |  |
| SFR\_DV\_3 | Image & ROI |  |
| SFR\_DV\_4 | ROI data |  |
| SFR\_DV\_5 | ROI data |  |
| SFR\_DV\_6 | ROI data |  |
| SFR\_DV\_7 | ROI data |  |
| SFR\_DV\_8 | ROI data |  |
| SFR\_DV\_9 | Camera data |  |
| SFR\_DV\_10 | Camera data |  |
| SFR\_DV\_11 | User data |  |
| SFR\_DV\_12 | Admin data |  |
| Data export |
| SFR\_DE\_1 | Image data |  |
| SFR\_DE\_2 | Analysis data |  |
| SFR\_DE\_3 | ROI data |  |

**2. Performance requirements**

Specify any performance-related requirements, such as response time, scalability, and availability.

| Performance requirements (Describe your proposal) |
| --- |
| PR\_1 |  |

3**. Platform and infrastructure requirements**

Specify any platform or infrastructure requirements, such as operating systems, databases, or development tools.

| Platform and infraestructure requirements(Describe your proposal) |
| --- |
| PIR\_1 |  |

**4. Support and maintenance requirements**

Clearly state the requirement for the software solution to be maintained and supported.

| Support and maintenance requirements(Describe your proposal) |
| --- |
| SPPM\_1 |  |

*Place and date:*

*Name (in capital letters), function, company and signature*