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| --- | --- | --- |
| **Annex 1 to the Contract pursuant to DE-UZ 215**  **Blue Angel Eco-Label for „Resource and Energy-Efficient Software Products“** |  | **Please use this form!** |

Applicant::

Distributor (label user):

Brand / trade name:

Product designation[[1]](#footnote-1):

Product description:

* + - 1. **Minimum** **system requirements**

The minimum system requirements for the operation of the software product must be stated.

|  |  |
| --- | --- |
| Requirements | Designation |
| Minimum processor architecture incl. generation |  |
| Minimum local working memory required (MByte) |  |
| Minimum local permanent storage required (MByte) |  |
| Requirements for other software |  |
| The required external services that are not available on the reference system |  |
| The required additional hardware |  |

* + - 1. **Hardware utilisation and electrical power consumption in idle mode**

The following information when the software product is in idle mode must be stated:

|  |  |
| --- | --- |
| Requirements | Measured value |
| Average processor utilisation in idle mode (%) |  |
| Average working memory utilization in idle mode (Mbyte) |  |
| Average permanent storage utilization in idle mode (MByte/s) |  |
| Average bandwidth utilization for network access in idle mode (Mbit/s) (only contains the additional load, not the percentage share of the base load) |  |
| Average electrical power consumption (net) (W) |  |

* + - 1. **Hardware utilisation and energy demand when running a standard usage scenario**

The following information must be provided when executing the standard usage scenario under the standard configuration:

|  |  |
| --- | --- |
| Requirements | Measured value |
| Processor utilisation (%\*s) |  |
| Working memory utilisation (MByte\*s) |  |
| Permanent storage utilisation (reading and writing) (MByte/s\*s |  |
| Volume of data transferred for network access (Mbit/s\*s) |  |
| Average energy demand (net) (Wh) |  |

| **Paragraph** | **Criterion** | **Requirement** | **Confirmation of Compliance** |  | **Compliance Verification** | **Attached Document** |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| **3.1.1.2** | Hardware utilisation and electrical power consumption in idle mode |  | Compliance with the requirement is confirmed. |  | Spreadsheet file  Measurement report | (Annex 2)  (Annex 3) |
| **3.1.1.3** | Hardware tilisation and energy demand when running a standard usage scenario |  | Compliance with the requirement is confirmed. |  | Measurement report  Spreadsheet file | (Annex 3)  (Annex 2) |
| **3.1.1.4** | Support for the energy management system | The software product must be capable of unrestricted functional use with activated energy management of the underlying system layers or the connected client systems. | Compliance with the requirement is confirmed. |  | - | - |
| **3.1.2.1** | Backward compatibility | The software product must be able to run on a reference system from a calendar year that is at least five years before time of application. | Compliance with the requirement is confirmed. |  | Spreadsheet file  Calendar year | (Annex 2) |
| **3.1.3.1** | Data formats | Disclosure of data formats | Compliance with the requirement is confirmed. |  | Submitting the manuals or technical data sheets in which the data formats are documented or    Providing examples of other software products (from other suppliers) that can process these data formats or    Stating the data formats and assigning them to an open standard. | (Annex 4) |
| **3.1.3.2** | Transparency of the software product | The APIs should correspond to open standards. | Compliance with the requirement is confirmed. |  | Interface documentation, permalink to the software source code on a source code management platform, software licences or similar | (Annex 5) |
| **3.1.3.3** | Continuity of the software product | Security updates must be provided free of charge | Compliance with the requirement is confirmed. |  | Product information in which software updates are indicated | (Annex 6) |
| security updates for the labelled product for at least 5 years after the end of sale | Compliance with the requirement is confirmed. |  |
|  |  | the user must be given the option of whether to install only security updates or also other (e.g. functional) updates. | Compliance with the requirement is confirmed. |  |
| **3.1.3.4** | Uninstallability | Residue-free uninstallability of the software | Compliance with the requirement is confirmed. |  | Product information in which the process for uninstalling the software is indicated | (Annex 6) |
|  |  | Created and processed data may not be automatically deleted (exception: the user confirms the deletion) | Compliance with the requirement is confirmed. |  | Product information in which the process for uninstalling the software is indicated | (Annex 6) |
| **3.1.3.5** | Offline capability | The functionality and availability of the software must not be negatively influenced by external factors, such as the availability of a licence server. | Compliance with the requirement is confirmed. |  | Product information in which the offline capability is indicated | (Annex 6) |
| **3.1.3.6** | Modularity | Information on how individual modules of the software product can be deactivated during the installation process. | Compliance with the requirement is confirmed. |  | Product information in which the modularity is indicated | (Annex 6) |
|  |  | Information on the extent to which individual modules of the software product (especially those that do not belong to the functions of the software product such as tracking, etc.) can be deactivated during the use of the software product. |  |  |
| **3.1.3.7** | **F**reedom from advertising | Free of advertising | Compliance with the requirement is confirmed. |  |  |  |
| **3.1.3.8** | Documentation of the software product, licence conditions and terms of use | Information about the software product both publicly and also in combination with the product itself:  a) Description of the processes for installing and uninstalling the software  b) Description of the data import and export processes  c) Information on reducing the use of resources  d) Information on the licensing terms and terms of use to enable, where relevant, the legally compliant further development of the software product  e) Information on software support  f) Information on the handling of data, in the sense of existing data protection laws  g) Information on data security, data collection and data transmission | Compliance with the requirement is confirmed. |  | Relevant pages of the product information | (Annex 6) |
|  |  | Contents of the spreadsheet file for the collection of criteria (Annex 2) will be published on the website of the respective product | Compliance with the requirement is confirmed. |  | The data are attached to a defined data format (see Appendix C) | (Annex 7) |
| **3.2.1** | Requirements for the further development and update of the product | If the product is changed (e.g. through updates), it must be ensure that the software product still complies with all of the criteria. | Compliance with the requirement is confirmed. |  | Spreadsheet file for recording the criteria  Productinformation  The data are attached to a defined data format (see Appendix C) | (Annex 2)  (Annex 6)  (Annex 7) |
| **3.3.1** | Final evaluation | A resource efficiency report is submitted at the end of the term of the contract. | Compliance with the requirement is confirmed. |  | Addition to the spreadsheet file |  |

**Annexes to the Contract**

Please use this form of Annex 1 to the Contract.

Please attach the following Annexes to the application documents:

Annex 2: Spreadsheet file  
Annex 3: Measurement report  
Annex 4: Proof documents of the data formats

Annex 5: Verification documents (Interface documentation, permalink to the software source code on a source code management platform, software licences or similar)

Annex 6: Product information

Annex 7: defined data format (see Annex C)

The spreadsheet file for criteria recording (Appendix 2) must be checked and confirmed by auditors. RAL gGmbH appoints auditors with the support of the Federal Environment Agency.

Place:

Date:

Applicant:

(Authorized signature

and company stamp)

1. One Annex is to be completed for each individual product designation. [↑](#footnote-ref-1)