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| **Annex 1**  **for DE-UZ 78** | **Please only use this form!** |

**Blue Angel ecolabel for "Computers, Keyboards, and Mice"**

|  |  |
| --- | --- |
| **Manufacturer (owner of the label):**  (full address) |  |
| **Distributor (user of the label):**  (full address if different from manufacturer) |  |
| **The product is a:**  (see scope) | Select an item. |
| **Trade name of the product:** |  |
| **Production location/country:** |  |
| **Sales expectations for the product:** | € |

**Overview of the product group and its relevant section:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| product group | Portable computers | stationary computers | Separate keyboards | Separate mice |
| Relevant sections | Part I  Part II  Part III | Part I  Part II | Part I  Part IV | Part I  Part V |

**Statements of the applicant** (Please check the relevant box!)

Expand or collapse the desired part/chapter.

Part I: General requirements (computers, keyboards, mice)

|  |  |  |  |
| --- | --- | --- | --- |
| **Section** | **explanations/proofs** | **confirmation of compliance** | **Value/URL/Attached Document** |
| **3.1** | **Material requirements** |  |  |
| **3.1.1** | **Material requirements for the primary plastics of the housings, housing parts and cables** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 3.1.1 |  |  |
|  | Corresponding declarations from the plastics manufacturers/suppliers regarding the plastics used are enclosed with the application.  Alternatively, the declarations can be sent directly to RAL by the plastic manufacturer. |  | **Annex P-M** |
| **3.1.2** | **Material requirements for the recycled plastics of the housings and housing parts** |  |  |
|  | **If no PCR plastics are used:** |  | **The requirement does not apply** |
| **3.1.2.1** | **Origin of recycled plastics** |  |  |
|  | The applicant shall provide evidence of the origin of the PCR materials used in accordance with 3.1.2.1 |  | **Annex PCR-O** |
| **3.1.2.2** | **Exclusion of certain PCR additives** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 3.1.2.2 |  |  |
|  | In addition, the applicant shall provide in Annex PCR-S the trade names and chemical names (e.g. CAS No.) of all substances added to the PCR materials. |  | **Annex PCR-S** |
| **3.1.3** | **Limiting harmful substances in plastic parts that come into contact with skin** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 3.1.3 |  |  |
| **3.1.4** | **Declaration on the SVHC content of the product** |  |  |
|  | The applicant submits a written declaration regarding any existing SVHC (name, CAS number) with the link to the product-related entry in the SCIP database |  | **Annex SC-IP** |
| **3.2** | **Guarantee** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 3.2 |  |  |
|  | The appropriately marked pages of the product documentation are enclosed with the application, in which reference is made to the guarantees granted    **OR**  internet link |  | **Page**  **(Annex 3)**  **OR**  (URL) |
| **3.3** | **Repairability** |  |  |
| **3.3.1** | **Availability of spare parts** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 3.3.1 |  |  |
|  | The appropriately marked pages of the product documentation are enclosed with the application.    **OR**  internet link |  | **Page**  **(Annex 3)**  **OR**  (URL) |
| **3.3.2** | **The price of spare parts** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 3.3.2. |  |  |
|  | Information on the freely accessible values for the prices of spare parts |  | **Annex CO-ST** |
| **3.3.3** | **Maximum delivery times for spare parts** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 3.3.3. |  |  |
| **3.3.4** | **Requirements for disassembly** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 3.3.4. |  |  |
| **3.3.5** | **Parts pairing** |  |  |
|  |  |  | **A pairing of parts** Wählen Sie ein Element aus. **take place** |
|  | The applicant confirms compliance with the requirement according to the award criteria section 3.3.5. |  |  |
| **3.3.6** | **Access to repair and maintenance information** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 3.3.6. |  |  |
|  | Repair and maintenance information |  | **Annex R-I** |
| **3.4** | **Recycling** |  |  |
| **3.4.1** | **Structure and joining technology** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 3.4.1. |  |  |
|  | Internet link (URL) to your own website where the dismantling information is described. |  | (URL) |
| **3.4.2** | **Choice of material: plastics** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 3.4.2. |  |  |
|  | A corresponding list of the marked plastic parts > 25 g is enclosed with the application. The respective proportion of recycled plastic is indicated. |  | **Annex P-L 25** |
|  | Calculation of the PCR fraction |  | **Annex PCR-R** |
| **3.5** | **Social requirements for production and supply chains** |  |  |
| **3.5.1** | **Due diligence obligations of companies in the extraction of raw materials** |  |  |
|  | The applicant shall submit a report on corporate due diligence obligations including an associated audit report in accordance with ISO 19011 or the other audit bodies mentioned above for the above-mentioned report. |  | **Annex 10**    **Annex 11** |
| **3.5.2** | **Supporting local initiatives for responsible mining** |  |  |
|  | The applicant provides written proof of membership in a local responsible mining initiative, e.g. providing the public URL showing that the company is a member. |  | **Annex 12**  **OR**  (URL) |
| **3.5.3** | **Social Sustainability in Manufacturing** |  |  |
|  | The applicant shall provide a list of names and production sites at the 1st level of the supply chain |  | **Annex 13** |
|  | As certification, the applicant submits an audit report of the above-mentioned standards (SA 8000, audit standard RBA VAP Recognition Program platinum/gold) or of an auditor certified according to ISO 17021. |  | **Annex 14** |

Part II: Additional special requirements for computers

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| **Section** | **explanations/proofs** | **confirmation of compliance** | **Value/URL/Attached Document** |
| **4.1** | **Energy consumption and power consumption of computers** |  |  |
|  | The applicant confirms compliance with the ENERGY STAR requirements for computers ­in the version valid at the time of application. |  |  |
|  | The version of the ENERGY STAR valid at the time of application is: |  |  |
| **Either** | For computers that already have Energy Star certifications:  - ENERGY STAR “Unique ID” number, AND  - the corresponding Internet link (URL) on the ENERGY STAR website where the Energy Star certification is demonstrated |  | **AND**  (URL) |
| **OR** | For computers that do not have Energy Star certification:  A test report from an independent testing laboratory accredited for this measurement according to DIN EN ISO/EC 17025 is enclosed with the application. |  | **Annex 2** |
| **4.2** | **Noise emissions** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 4.2. |  |  |
|  | The A-weighted sound power levels L WA (1...3) are: |  |  |
|  | in idle mode |  | dB |
|  | in office operations |  | dB |
|  | A test report for the required acoustic tests is enclosed with the application. |  | **Annex 5a** |
|  | In addition, the applicant for computers shall enclose the completed Annex 6a to the contract. |  | **Annex 6a** |
| **4.3** | **Interchangeability and expandability** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 4.3. |  |  |
|  | The appropriately marked pages of the product documentation are enclosed with the application.    **OR**  internet link |  | **Page**  **(Annex 3)**  **OR**  (URL) |
| **4.4** | **Software updates** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 4.4. |  |  |
|  | Internet link (URL) to the company's own website where the software updates are provided |  | (URL) |
| **4.5** | **Secure data deletion** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 4.5. |  |  |
|  | The appropriately marked pages of the product documentation are enclosed with the application.    **OR**  internet link |  | **Page**  **(Annex 3)**  **OR**  (URL) |
| **4.6** | **Product Information for Computers** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 4.6. |  |  |
|  | Information on spare parts supply regarding availability and prices according to 3.3.1 and 3.3.2: |  | (URL) |
|  | Information on repair and maintenance according to 3.3.6 |  | (URL) |
|  | Energy consumption (E TEC ) in kilowatt hours per year (kWh/a) for computers (excluding workstations) and the power values (in watts) for workstations according to section 4.1 |  | (URL) |
|  | Guaranteed A-weighted sound power level in idle and office operation (if applicable) according to 4.2 |  | (URL) |
|  | Possibilities for interchangeability and expandability according to 4.3 |  | (URL) |
|  | Instructions regarding the operating system and firmware according to 4.4 |  | (URL) |
|  | Instructions for secure data deletion and reset function to delivery state according to 4.5 |  | (URL) |

Part III: Additional specific requirements for portable computers

|  |  |  |  |
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| **Section** | **explanations/proofs** | **confirmation of compliance** | **Value/URL/Attached Document** |
| **5.1** | **Batteries** |  |  |
| **5.1.1** | **Replaceability of the battery** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 5.1.1. |  |  |
|  | The appropriately marked pages of the product documentation are enclosed with the application.    **OR**  internet link (URL) to their own website, which describes instructions on how to remove and replace the battery using the appropriate tools. |  | **Page**  **(Annex 3)**  **OR**  (URL) |
| **5.1.2** | **Battery capacity and battery life** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 5.1.2 |  |  |
|  | A test report stating that at least three batteries have been analyzed and all three meet the requirements is enclosed with the application. |  | **Annex 7** |
|  | A measurement report documenting the determined values is enclosed with the application. |  | **Annex 8** |
| **5.1.3** | **Battery status and battery conservation software** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 5.1.3 |  |  |
|  | The appropriately marked pages of the product documentation are enclosed with the application.    **OR**  internet link (URL) to the company's own website, which contains instructions on software tools for reading the battery status and protecting the battery. |  | **Page**  **(Annex 3)**  **OR**  (URL) |
| **5.2** | **External power supply** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 5.2 |  |  |
|  | A photo showing a note on the packaging is enclosed with the application. |  | **Annex 9** |
|  | internet link (URL) to the company's own website, which provides a detailed description of a suitable USB power supply, in particular the appropriate power consumption |  | (URL) |
| **5.3** | **Additional requirements for product information for portable computers** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 5.3 |  |  |
|  | Instructions for removing and replacing the battery using the appropriate tools according to 5.1.1 |  | (URL) |
|  | Specification of the nominal capacity of the battery and the number of minimum achievable full charge cycles of the battery according to 5.1.2 |  | (URL) |
|  | Instructions for using software tools to read the battery status and to protect the battery according to 5.1.3 |  | (URL) |
|  | Specification of the nominal voltage and type designation of the battery |  | (URL) |
|  | Providing information to users on how to properly handle lithium batteries. |  | (URL) |
|  | Note that the batteries should not be treated as normal household waste and should instead be handed in to collection points. |  | (URL) |
|  | Detailed description of a suitable USB power supply according to 5.2 |  | (URL) |

Part IV: Additional special requirements for separate keyboards

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| **Section** | **explanations/proofs** | **confirmation of compliance** | **Value/URL/Attached Document** |
| **6.1** | **Noise emissions** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 6.1. |  |  |
|  | The A-weighted sound power level LWAd is: |  | dB |
|  | A test report for the required acoustic tests is enclosed with the application. |  | **Annex 5b** |
|  | In addition, the applicant for computers shall enclose the completed Annex 6b to the contract. |  | **Annex 6b** |
| **6.2** | **Batteries (only relevant for wireless products)** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 6.2. |  |  |
| **Either** | Primary batteries: |  |  |
|  | The appropriately marked pages of the product documentation are enclosed with the application.    **OR**  Internet link (URL) to the company's own website regarding the design of primary batteries and the note that rechargeable batteries (e.g. NiMH) must also be suitable for the AAA and AA designs. |  | **Page**  **(Annex 3)**  **OR**  (URL) |
|  | The appropriately marked pages of the product documentation are enclosed with the application.    **OR**  internet link (URL) to your own website via a power saving mode in which the keyboard automatically switches off after a certain period of inactivity |  | **Page**  **(Annex 3)**  **OR**  (URL) |
|  | The appropriately marked pages of the product documentation are enclosed with the application.    **OR**  internet link (URL) to its own website about the service life of the primary batteries |  | **Page**  **(Annex 3)**  **OR**  (URL) |
| **OR** | Rechargeable batteries: |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 3.3. |  |  |
|  | Battery replaceability:  Internet link (URL) to the company's own website, which contains instructions on how to remove and replace the battery. Batteries must be able to be replaced by users without causing damage and without the use of special tools. |  | (URL) |
| **6 .3** | **Product information for keyboards** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 6.3 |  |  |
|  | Information on spare parts supply regarding availability and prices according to 3.3.1 and 3.3.2 |  | (URL) |
|  | repair and maintenance information |  | **Annex R-I** |
|  | Guaranteed A-weighted sound power level during operation according to 6.1 |  | (URL) |
|  | Instructions for removing and replacing the battery using the appropriate tools as per 6.2 (if applicable) |  | (URL) |
|  | Specification of the nominal capacity, nominal voltage and type designation of the battery 6.2 (if applicable) |  | (URL) |
|  | Providing information to users on the correct handling of rechargeable batteries/primary batteries (if applicable) |  | (URL) |
|  | Note that the batteries should not be treated as normal household waste and should instead be handed in to collection points. |  | (URL) |

Part V: Additional special requirements for separate mice

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| **Section** | **explanations/proofs** | **confirmation of compliance** | **Value/URL/Attached Document** |
| **7.1** | **Batteries (only relevant for wireless products)** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 7.1. |  |  |
| **Either** | Primary batteries: |  |  |
|  | The appropriately marked pages of the product documentation are enclosed with the application.    **OR**  Internet link (URL) to the company's own website regarding the design of primary batteries and the note that rechargeable batteries (e.g. NiMH) must also be suitable for the AAA and AA designs. |  | **Page**  **(Annex 3)**  **OR**  (URL) |
|  | The appropriately marked pages of the product documentation are enclosed with the application.    **OR**  internet link (URL) to your own website via a power saving mode in which the keyboard automatically switches off after a certain period of inactivity |  | **Page**  **(Annex 3)**  **OR**  (URL) |
|  | The appropriately marked pages of the product documentation are enclosed with the application.    **OR**  internet link (URL) to its own website about the service life of the primary batteries |  | **Page**  **(Annex 3)**  **OR**  (URL) |
| **OR** | Rechargeable batteries: |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 3.3. |  |  |
|  | Battery replaceability:  Internet link (URL) to the company's own website, which contains instructions on how to remove and replace the battery. Batteries must be able to be replaced by users without causing damage and without the use of special tools. |  | (URL) |
| **7.2** | **Product information for mice** |  |  |
|  | The applicant confirms compliance with the requirement according to the award criteria section 7.2 |  |  |
|  | Information on spare parts supply regarding availability and prices according to 3.3.1 and 3.3.2 |  | (URL) |
|  | Repair and maintenance information |  | **Annex R-I** |
|  | Instructions for removing and replacing the battery using the appropriate tools as per 7.1 (if applicable) |  | (URL) |
|  | Specification of the nominal capacity, nominal voltage and type designation of the battery 7.1 (if applicable) |  | (URL) |
|  | Providing information to users on the correct handling of rechargeable batteries/primary batteries (if applicable) |  | (URL) |
|  | Note that the batteries should not be treated as normal household waste and should instead be handed in to collection points. |  | (URL) |

**Annexes to the contract according to DE-UZ 78**

Please use the form provided in Annex 1 to the contract according to DE-UZ 78.

The following attachments, where applicable, must be enclosed with the application documents:

|  |  |
| --- | --- |
| * + Annex 2: | Test reports for determining energy consumption according to ENERGY STAR for computers ­in the version valid at the time of application |
| * + Annex 3: | Product documentation |
| * + Annex 4: | Instructions for disassembly |
| * + Annex 5a: | Measurement report on the noise emissions of the computer |
| * + Annex 5b: | Measurement report on the noise emissions of the keyboard |
| * + Annex 6a: | Test report on the noise emissions of the computer (form) |
| * + Annex 6b | Test report on the noise emissions of the keyboard (form) |
| * + Annex 7: | Test report on the capacity and durability of the battery |
| * + Annex 8: | Battery capacity test report (form) |
| * + Annex 9 | Photo of the packaging with reference to the external power supply |
| * + Annex 10 | Report on the company's compliance with its due diligence obligations |
| * + Annex 11 | Audit report on due diligence |
| * + Annex 12 | Evidence of support for local initiatives for responsible mining |
| * + Annex 13 | Locations of production facilities at level 1 of the supply chain |
| * + Annex 14 | Certificates of production facilities at level 1 of the supply chain |
| * + Annex CO-ST: | Spare parts costs (form) |
| * + Annex PCR-O: | Origin of PCR plastics (certificate and report) |
| * + Annex PCR-R: | Calculation of the PCR fractions in the components (form) |
| * + Annex PCR-S: | List of substances added to PCR plastics |
| * + Annex P-L 25: | List of marked plastic parts > 25 g (form) |
| * + Annex P-M: | Declarations of plastics manufacturers/suppliers regarding plastics (form) |
| * Annex SC-IP: | Manufacturer's declaration regarding SCIP database |
| * + Annex R-I: | Repair information (form) |

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| --- | --- | --- |
| Location: |  |  |
| Date: |  |
|  | | (Legally binding signature and company stamp) |