**Requirement Specification for Snow Goggles**

1. **Requirements**

**1.1. Description of the requirement**

DALO wants to acquire 100 snow goggles for the Sirius Patrol. The snow goggles will be used in the arctic climate in Greenland.

**1.2. Description and definitions**

The requirement specification, cf. section 1.4, describes all the requirements for the acquisition and consists of six columns with the following information:

|  |  |
| --- | --- |
| "#" | ID number |
| "Requirement" | Requirement description |
| "Classification" | The classification of the requirement as further described in section 1.3 |
| "DALO remarks" | Further information regarding the requirement |
| "Requirement compliance" | The tenderer's indication of compliance (YES or NO) |
| "Tender description" | Requirements regarding the tenderer's compliance description |

**1.3. Classification**

All requirements are mandatory requirements (SHALL) and shall be fulfilled by the tenderer. If just one of the mandatory requirements is not fulfilled, the tenderer's tender will not be taken into further consideration.

**1.4. Requirement and response sheet**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Requirement** | **Classification** | **DALO remarks** | **To be filled out be the tenderer** | | |
| **Requirement compliance**  **(tick a box)** | | **Tenderer's description** |
| **YES** | **NO** |
| **1** | The lenses SHALL have a VLT in the range of 8-20%. | SHALL | Visible Light Transmission (VLT) the percentage translates to the amount of light that is transmitted through the lenses. The higher the number the more light penetrates through. |  |  |  |
| **2** | The lenses SHALL give a 100 % UV-protection. | SHALL |  |  |  |  |
| **3** | The lenses SHALL strategically block wavelengths along the color spectrum and improve the visibility of snow contours, bumps and texture, enabling the lenses to perform over a wider range of lighting conditions from sunlight to cloudy. | SHALL |  |  |  |  |
| **4** | The lenses SHALL be scratch resistant. | SHALL |  |  |  |  |
| **5** | The lenses SHALL be ANTI-FOG.  The goggles must work to absorb moisture on the interior of the lens and disperse it out through the vents in the frame. | SHALL |  |  |  |  |
| **6** | The frame SHALL be designed to adjust and flex to the contours of the face.  The frame shall be a universal fit (one size fits all). | SHALL |  |  |  |  |
| **7** | The frame SHALL be a urethane frame construction, which maintains flexibility when used in Artic cold weather in temperatures down to minus 50 degrees Celsius. | SHALL |  |  |  |  |
| **8** | The googles SHALL have triple-layer face memory foam or equivalent that provides insulation and comfort to the user’s face. | SHALL |  |  |  |  |
| **9** | The straps on the goggles SHALL be minimum 40 mm wide sliding straps and possible to adjust to the size of the head. | SHALL |  |  |  |  |
| **10** | Goggles SHALL fit while used underneath a helmet. | SHALL |  |  |  |  |
| **11** | The delivery time must be less than 42 calendar days from submission of the purchase order. | SHALL |  |  |  |  |