**Requirement Specification for Inflatable Black Fenders**

1. **Requirements**

**1.1. Description of the requirement**

DALO wants to acquire 8 inflatable black fenders to be used onboard vessels of the Royal Danish Navy.

**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 fenders shall be suitable for ships with a length of 30 meters or more | SHALL |  |  |  |  |
| **2** | The fenders shall be equipped with solid holds prepared for holding either rope or shackle at both ends of the fender | SHALL |  |  |  |  |
| **3** | The fenders shall be made of a flexible material which – under the correct pressure in the fender – makes the fender able to withstand the pressure from the ship without taking damage | SHALL |  |  |  |  |
| **4** | The fender shall be equipped with an inflate- and deflate-valve manufactured in seawater resistant metal | SHALL |  |  |  |  |
| **5** | The weight of the fenders shall be max 30 kg | SHALL |  |  |  |  |
| **6** | The length of the fenders shall be 2130 mm +/- 5 % | SHALL |  |  |  |  |
| **7** | The diameter of the fenders shall be 930 mm +/- 5 % | SHALL |  |  |  |  |
| **8** | The fenders shall be delivered with 10 millimeters thick 3-turn rope. The rope shall be equipped with a rope thimble at one end of the rope and a white tackling at the other end of the rope | SHALL |  |  |  |  |
| **9** | The fenders shall be delivered with a stainless shackle. The size of the shackle shall be suitable for the solid holds at the end of the fender | SHALL |  |  |  |  |
| **10** | The delivery time must be less than 60 calendar days from submission of the purchase order | SHALL |  |  |  |  |