**Requirement Specification for Inflatable Black Fenders**

**Dimension 3500 x 2000 mm**

1. **Requirements**

**1.1. Description of the requirement**

DALO wants to acquire 6 inflatable black fenders to be used by the Royal Danish Navy on board vessels or in harbour.

**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 according to ISO17357-1-2017 or last approved norm or equivalent standard ISO17357-1-2014. | SHALL |  |  |  |  |
| **2** | The fenders shall be suitable for ships with a length of 30 meters or more. | SHALL |  |  |  |  |
| **3** | The fenders shall be equipped with a solid flange at both ends. The flanges shall be prepared for holding a shackle with a single swivel and either chains or ropes at both ends of the fender. | SHALL |  |  |  |  |
| **4** | The lug flange, holders, shackle, swivel, and chains shall be made of a seawater resistant material. | SHALL |  |  |  |  |
| **5** | 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 |  |  |  |  |
| **6** | The fender shall be equipped with an inflate- and deflate valve manufactured in a seawater resistant metal. | SHALL |  |  |  |  |
| **7** | The fenders shall be protected with a chain-tyre net. | SHALL |  |  |  |  |
| **8** | The weight of the fenders shall be max 600 kg. | SHALL |  |  |  |  |
| **9** | The length of the fenders shall be 3500 mm +/- 5 %. | SHALL |  |  |  |  |
| **10** | The diameter of the fenders shall be 2000 mm +/- 5 % | SHALL |  |  |  |  |
| **11** | The fenders shall be black. | SHALL |  |  |  |  |
| **12** | The offered delivery time shall not be more than 90 calendar days from submission of the purchase order. | SHALL |  |  |  |  |