**Requirement Specification -**

**Foam Sleeping Pad**

1. **Requirements**

**1.1. Description of the requirement**

The Danish Defence has a need for Foam Sleeping Pads. The Foam Sleeping Pad is an essential part of the Danish Defence’ sleeping system, providing insulation from the ground. The Foam Sleeping Pad also provides a level of comfort for the user.

The Foam Sleeping Pads will be used by men and women for both training and actual military operations. The Foam Sleeping Pad shall be durable, made from high quality PE/EVA foam and have two grommets with elastic bands attached. The elastic bands are used to hold the pad when rolled up. The Foam Sleeping Pad shall be a matte olive green colour in order to provide some camouflage when placed on the ground in various terrains.

**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 offer will not be taken into further consideration.

**1.4. Requirement and response sheet**

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| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Requirement** | **Classification** | **DALO remarks** | **To be filled out by the tenderer** | | |
| **Requirement compliance**  **(tick a box)** | | **Tenderer's description** |
| **YES** | **NO** |
| **1** | The Foam Sleeping Pad shall comply with Drawing 335498 | SHALL | Please note that the thickness measurement is not optimal for standard 32 mm (with skins) foam blocks. |  |  |  |
| **3** | The Foam Sleeping Pad shall be made of closed cell cross-linked PE/EVA copolymer foam with 8 - 10% EVA and a density of 33 – 37 kg/m3. | SHALL |  |  |  |  |
| **4** | The foam shall have a tear strength of minimum 1900 N/m according to BS EN ISO 8067:2008 Method B. | SHALL |  |  |  |  |
| **5** | The Foam Sleeping Pad shall have two durable grommets installed as pictured in Drawing 335498 and Drawing 339116. | SHALL | The grommets are used to reinforce the holes in order to avoid tearing. The reinforcement can be done with metal, plastic or another material that does not rust, tenderize or weakens during the lifetime of the sleeping mat. The reinforcement shall be in a colour not compromising camouflage for example not white or yellow. The grommets are marked “2” in Drawing 335498 and Drawing 339116. |  |  |  |
| **6** | The Foam Sleeping Pad shall have a durable polyamide or polyester braided ø 4 – 5 mm elastic band with a length of 65 - 70 cm attached to each of the two grommets in accordance with Drawing 339116. | SHALL | The purpose of the elastic bands is to keep the mat rolled up. The length of the elastic band is understood as the raw length before the tying of knots and attachment to the sleeping pad. The Elastic bands are marked “1” in Drawing 335498 and Drawing 339116. The elastic bands shall have a lifetime of at least 5 years of use. |  |  |  |
| **7** | The Foam Sleeping Pad shall be a matte olive green colour. | SHALL | By matte olive green DALO mean RAL 7013, RAL 6003 or similar colour.  The sample does not have to comply with this requirement. |  |  |  |
| **8** | The Foam Sleeping Pad shall be permanently marked with the three letters FMI and the year of production. | SHALL | It is up to the tenderer how to mark the product. The mark will ensure DALO that it is our product and not one bought in a shop. The placement and size of the mark is unimportant as long as it is visible upon inspection.  The sample does not have to comply with this requirement. |  |  |  |
| **9** | The terms of delivery shall be INCOTERMS 2010 FCA. | SHALL | The sample does not have to comply with this requirement. |  |  |  |
| **10** | The delivery date shall be within 240 calendar days from order placement. | SHALL | The sample does not have to comply with this requirement. |  |  |  |
| **11** | The Foam Sleeping Pads shall be delivered on Euro pallets lying flat, sticking out over both ends of the pallet. | SHALL | This requirement overrules the frase “Any boxes etc. shall not protrude the ground profile of the pallet.” In DALO terms and conditions for trade with liquidated damages 6.1 Packaging.  The sample does not have to comply with this requirement. |  |  |  |