**Requirement Specification**

**Ruggedized Single Ear Headset v2.0**

1. **Requirements**

**1.1. Description of the requirement**

DALO expects, within next 3 years, to procure 1500 Single Ear Headsets to be used with our soldier radio in harsh environments.

**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 Ruggedized Single Ear headset shall be fully functionally with  Harris RF-7800S Secure Personal Radio. | SHALL |  |  |  |  |
| **2** | Dual PTT switch shall be mounted on cable between headset and radio connector. | SHALL |  |  |  |  |
| **3** | Dual PTT shall be able to be handled with standard military gloves. | SHALL |  |  |  |  |
| **4** | The headset shall have no other connection boxes than the PTT switch box. | SHALL |  |  |  |  |
| **5** | Flexible boom microphone shall be attached to the headset. | SHALL |  |  |  |  |
| **6** | Flexible boom microphone shall easily by one hand and one movement be adjustable for location close to the mouth. | SHALL |  |  |  |  |
| **7** | The thickness of the flexible boom shall be minimum 6 mm. | SHALL |  |  |  |  |
| **8** | The length of the flexible boom microphone shall be no longer than 160 mm inclusive microphone measured from headset base. | SHALL |  |  |  |  |
| **9** | The headset shall be adjustable to head size. | SHALL |  |  |  |  |
| **10** | Total length of both cables inclusive PTT switch shall be between 120cm and 135cm. | SHALL |  |  |  |  |
| **11** | The offer shall contain solutions for wearing the headset on either left or right ear. | SHALL |  |  |  |  |
| **12** | The headset shall have no annoying wind noise from ear cup when driving 40 km/h in open vehicle | SHALL |  |  |  |  |
| **13** | Operational Temperature -15°C to +50°C. | SHALL |  |  |  |  |
| **14** | Frequency Range 400Hz to 10kHz. | SHALL |  |  |  |  |
| **15** | Minimum IP67 Rating | SHALL |  |  |  |  |
| **16** | CE marking according to European Directives and Standards regarding electromagnetic compatibility. | SHALL |  |  |  |  |
| **17** | One test sample of the ruggedized single ear headset shall be delivered no later than one week after tender deadline. | SHALL | Please send your sample to:  Danish Defence  Acquisition and Logistics Organization Lautrupbjerg 1-5 DK-2750 Ballerup  Attn: FMI-LA-FKO03 – Michael Kristensen |  |  |  |
| **18** | Data sheet and Electrical Signal diagram shall be delivered with tender offer. | SHALL |  |  |  |  |
| **19** | Any Spare parts and accessories to the headset shall be offered, i.e. ear cushion, windshield, head strap etc. | SHALL |  |  |  |  |
| **20** | Tender shall contain prices for 1 and 1500 headsets. | SHALL | The price for 1500 headset will be evaluated. |  |  |  |
| **21** | Delivery of 200 headsets within 10 weeks from order shall be offered. | SHALL |  |  |  |  |
| **22** | Delivery is FCA INCOTERMS 2010 | SHALL |  |  |  |  |