**Requirement Specification for Chemical Water Detectors for the Detection of Free Water in Jet Fuel**

1. **Requirements**

**1.1. Description of the requirement**

DALO wants to acquire 4.000 pcs. chemical water detectors for detecting water in fuel, particularly jet fuel.   
The chemical water detectors are to be used as a “go, no-go” field test to periodically check for free water at various locations in the jet fuel distribution system.

**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 supplier shall supply 4.000 pcs. of chemical water detectors. | **SHALL** |  |  |  |  |
| **2** | The chemical water detectors shall indicate free water in excess of 15 ppm. | **SHALL** | i.e. the chemical water detectors shall be suitable for verification of compliance with the ATA-103 requirement of maximum 15 ppm free water in jet fuel. |  |  |  |
| **3** | The chemical water detectors shall be recognized by IATA (The International Air Transport Association) by their inclusion in “Guidance material for aviation turbine fuels specifications, Part III: Cleanliness, handling and fuel quality” (newest edition). | **SHALL** |  |  |  |  |
| **4** | The chemical water detectors shall have a shelf life of minimum two years from the date of manufacture. | **SHALL** |  |  |  |  |
| **5** | The chemical water detectors shall have a minimum of 18 months of shelf life remaining upon delivery. | **SHALL** |  |  |  |  |
| **6** | The supplier shall have a delivery time of maximum 90 calendar days. | **SHALL** |  |  |  |  |