**Evaluation criteria and requirements of the system**

**Please complete the space highlighted in grey in the tables below:**

|  |  |
| --- | --- |
| **Name of the system:** |  |

1. **SELECTION CRITERIA - MINIMUM REQUIREMENTS**

**Tenders not complying with all the following minimum requirements will not be evaluated further:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item N.** | **MINIMUM REQUIREMENT** | **Compliance**  **Yes/No** | **COMMENTS** |
|  | | | |
| 1 | *The system consists of 2 spraying arms/booms. The spraying arms/booms are deployed on each side of the vessel with a total effective swath (length of the spray pattern) of minimum 10 meters. Each one has at least 4 nozzles in line to create a homogeneous spraying pattern.* |  |  |
| 2 | *The system is capable of applying dispersant in open sea at wide range of application rates (flow and drop size).* |  |  |
| 3 | *The system is portable and designed in such a way that it can be installed and operated on deck of any vessel at short notice without being pre-fitted or customise in any way. (Please note that the pre-installation of any element requiring welding or drilling the vessel should be considered pre-fitting).* |  |  |
| 4 | *The system includes all necessary equipment items for its fully autonomous operation on board a vessel (i.e. power unit(s), pump(s), hoses, lifting devices, etc.).* |  |  |
| 5 | *The complete system, or the different elements, is certified to operate in Hazardous Area Zone II according to the ATEX directive (ATEX 94/9/EC) or similar.* |  |  |
| 6 | *The system operates using neat dispersant.* |  |  |
| 7 | *The complete system, containing all necessary equipment items for its autonomous operation on board a vessel (i.e. power unit(s), pump(s), hoses, etc.) is offered in suitable container(s) to facilitate transportation and storage : the container(s) offered are either ISO standard shipping containers(s) or at least closed and secured for outside storage and palettisable for easy handling and transport. If it is not an ISO container its dimensions should allow it to be transported inside a 10´or 20´ ISO container.* |  |  |
| 8 | *The storage container(s) is (are) not necessary for the operation of the spraying system on board the vessel. The complete system including ancillaries can be discharged from the transport containers for loading and installation on board the vessel.* |  |  |
| 9 | *Minimum warranty period of 2 years.* |  |  |

1. **QUALITY CRITERIA**

Bids shall be evaluated in accordance with the Quality Award Criteria (Qi) and their associated weightings (Wi) as described here below:

|  |  |  |
| --- | --- | --- |
| **Quality criterion (Q1)** | **Quality of the system design and operation** | **35%** |

**Please provide the following information relevant for the evaluation of this quality criterion:**

* Provide design, materials, total weight and characteristics of one complete system including all necessary ancillaries for its autonomous operation on board a vessel:
* Detail the certification to operate in hazardous areas ATEX or similar:
* Indicate if the equipment or part of it is certified under a quality standard or has an equivalent certification (if yes, please specify):
* List and describe the types of dispersant the system is designed to use. Indicate the length of the spray pattern (effective swath) and whether the system allows for adjustment of drop-size and control of the flow rate (minimum/maximum litres per minute):
* Describe the limitations during an operation conducted in open sea (i.e. maximum operating speed, any weather working limits, etc.):
* Describe if the system allows for a rapid installation on board a vessel (indicative installation and deployment procedure and time):
* Description of options for handling and operation of the system (indicate minimum number of people to safely operate the system):
* Indicate the clear deck space that is required for handling and operation of the system:

|  |  |  |
| --- | --- | --- |
| **Quality criterion (Q2)** | **Completeness of the repair tools and spare parts for the system** | **3%** |

**Please provide the following information relevant for the evaluation of this quality criterion:**

* Indicate the complete list of spare parts delivered with the system and included in the price offer:

|  |  |  |
| --- | --- | --- |
| **Quality criterion**  **(Q 3)** | **Quality of the proposed solution for the storage and transportation** | **3%** |

**Please provide the following information relevant for the evaluation of this quality criterion:**

* Specify the quality, type and characteristics of the suitable container(s) for storage and transportation of 1 complete system including all necessary ancillaries for its autonomous operation on board a vessel:

|  |  |  |
| --- | --- | --- |
| **Quality criterion (Q4)** | **Efficiency of the system** | **6%** |

**Please describe the supporting evidences provided to prove the performance of the equipment:**

* Records of tests, sea trials and real operation:

|  |  |  |
| --- | --- | --- |
| **Quality criterion (Q5)** | **Quality of the factory acceptance test (FAT)** | **3%** |

**Please provide the following information relevant for the evaluation of this quality criterion:**

* Describe the methodology that is used to test the equipment during FAT:

|  |  |  |
| --- | --- | --- |
| **Quality criterion (Q6)** | **Quality of the Training plan** | **5%** |

**Please provide the following information relevant for the evaluation of this quality criterion:**

* Describe provision of one day on-site training including theoretical and practical training and describe the methodology for training:

|  |  |  |
| --- | --- | --- |
| **Quality criterion (Q 7)** | **Duration of the extended warranty and efficiency of the post-sale service** | **5%** |

**Please provide the following information relevant for the evaluation of this quality criterion:**

* Indicate terms and conditions of the extended warranty (in addition to the minimum warranty of 2 years):
* Describe the post-sale service:

1. **PRICE OFFER**

Tenderers are invited to fill also in the grey cells of the table below.

Bids shall be evaluated in accordance with the total price for evaluation Pas described here below:

| **LIST OF PRICES** | | **PRICE in EUR (Pi)** |
| --- | --- | --- |
| **Psystem**= Price of the purchase of a complete system (including container, repair tools, spare parts, and any ancillaries necessary for its autonomous operation) (not including training, acceptance test nor transportation costs to be detailed below) | |  |
| Price for each individual item that is part of the complete system **and can be purchased individually**. Repair tools, spare parts and container should at least be itemised, other items such as pump(s), power unit(s), hoses, valves, etc. could also be added to the list) if tenderers offers them to be purchased individually. | **NAMENAME** |
| 1. Repair tools and Spares as described under Point 2 – Q2 |  |
| 1. Container(s) for storage and transportation of 1 system including all necessary ancillaries for its autonomous operation on board a vessel as described under Point 2 – Q3 |  |
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|  |  |
|  |  |
|  | *(add more lines if needed)* |
| **Ptraining**=Price for one day on-site training as described under Point 2 – Q6 | |  |
| **Paccept**= Price for the operational acceptance test upon delivery of the equipment | |  |
| Ptransp1 =Price per km for transportation of 1 complete system containerised, including tools and spares by road transport | |  |
| **Ptransp1000**= Price per 1 km above will be multiply by a 1,000 kilometres for evaluation proposes | |  |
| **P=TOTAL PRICE FOR EVALUATION**= Psystem+ Ptraining+ Paccept+ Ptransp1000 | |  |

Tenderers are invited to fill also in the grey cells of the table below with the prices of “other ancillaries” (i.e. self-primming pumps, eductor, hoses, adaptors, connectors, flow meter, PPE, etc.). These prices will not be considered for the evaluation process. Nevertheless these prices will become part of the contract. EMSA may decide to purchase “other ancillaries” on the basis of the prices indicated below. Please add more lines if it is necessary.

| **Item**  **N.** | **LIST OF PRICES FOR OTHER ANCILLARIES (NOT FOR EVALUATION)** | **PRICE in EUR** |
| --- | --- | --- |
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