**Evaluation criteria and requirements of the system (Part D of the Bid template for lot 7)**

The portable dispersant spraying system (hereinafter referred to as “the system”) must be capable of applying dispersant in open sea at wide range of application rates (flow and drop size). It must have an effective swath (length of the spray pattern) of minimum 10 meters. The effective swath can be covered with two devices when the system is designed to operate in pairs (one from each side of the vessel). If this is the case it should be clearly indicated and included in the price list. The system should be capable of spraying dispersants at a total flow rate above 100 litres per minute.

The whole system must be portable and designed in such a way that it can be installed and operated on deck of any vessel without any specific or customised pre-fitting.

The system must include all ancillaries necessary for its autonomous operation on board a vessel (i.e. power unit(s), pump(s), hoses, etc.). All suitable components should be hydraulically driven. The systems should be certified to operate in Hazardous Area Zone II according to the ATEX directive (ATEX 94/9/EC) or similar.

The offer should not include dispersants. Nevertheless, it should take into account that during the operation the dispersants might be supplied from different sources. Thereby, operation from different types of dispersant containers should be foreseen.

The system must operate using neat dispersant. It is preferred if it can also operate with water mixture.

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.) must be offered in suitable container(s) to facilitate transportation and storage.

The system should be easily maintained.

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

|  |  |
| --- | --- |
| **Indicate the name of the system that is offered:** |  |

1. **SELECTION CRITERIA**

**Tenders not complying with all the following selection criteria will not be evaluated further:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item N.** | **SELECTION CRITERIA** | **Compliance**  **Yes/No** | **COMMENTS** |
|  | | | |
| 1 | The system is capable of applying dispersant in open sea at wide range of application rates (flow and drop size). |  |  |
| 2 | The system has an effective swath (length of the spray pattern) of minimum 10 meters |  |  |
| 3 | The system is portable and designed in such a way that it can be installed and operated on deck of any vessel without being specially pre-fitted or customise in any way. |  |  |
| 4 | The system includes all ancillaries necessary for its autonomous operation on board a vessel. |  |  |
| 5 | The system operates using neat dispersant. |  |  |
| 6 | 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. |  |  |
| 7 | Minimum warranty period of 2 years. |  |  |

1. **QUALITY CRITERIA AND DESCRIPTION OF THE EQUIPMENT**

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

|  |  |  |
| --- | --- | --- |
|  | **Quality and appropriateness of the system for the EMSA pollution response services based on the information provided below** | **25%** |

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

* Provide design, materials, total weight and characteristics of 1 complete system including all necessary ancillaries for its autonomous operation on board a vessel:
* 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.):

|  |  |  |
| --- | --- | --- |
|  | **Quality of the proposed arrangement for the storage, transportation and operation of the system based on the information provided below** | **10%** |

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

* Describe if the system allows for a rapid installation on board vessel (indicative deployment time):
* 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:
* 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 the system:

|  |  |  |
| --- | --- | --- |
|  | **Complexity of the maintenance requirements for the system based on the information provided below** | **5%** |

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

* Describe the requirements that are necessary for the maintenance of the equipment (equipment requiring simpler maintenance will be evaluated higher):

|  |  |  |
| --- | --- | --- |
|  | **Completeness of the repair tools and spares for the system based on the information provided below** | **10%** |

**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:

|  |  |  |
| --- | --- | --- |
|  | **Efficiency of the system based on the information provided below** | **20%** |

**Please describe the performance of the equipment. To support the description you may provide evidence such as:**

* Records of tests, sea trials and real operation:

|  |  |  |
| --- | --- | --- |
|  | **Quality of the factory acceptance test (FAT) based on the information provided below** | **10%** |

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

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

|  |  |  |
| --- | --- | --- |
|  | **Quality of the plans for Commissioning and Training based on the information provided below** | **5%** |

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

* Describe the equipment (for the full set of items) and describe the methodology for commissioning on board a vessel:
* Describe provision of two day on-site training including theoretical and practical training and describe the methodology for training:

|  |  |  |
| --- | --- | --- |
|  | **Duration of the extended warranty and efficiency of the post-sale service based on the information provided below** | **10%** |

**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:

|  |  |  |
| --- | --- | --- |
|  | **Quality, appropriateness and completeness of other ancillaries offered (different from those considered necessary)** | **5%** |

**Please provide the following information relevant for the evaluation of this quality criterion** **that is evaluated as an advantageous point.**

* Provide a description of any “other ancillaries” (i.e. hoses, adaptors, connectors, flow meter, PPE, etc.) different from the necessary ancillaries as previously indicated in Point 2 – Quality criterion Q1, Q2 and Q4 of this annex. Offers including more ancillaries that are relevant to the operation of the equipment will be evaluated higher.

1. **PRICE OFFER TEMPLATE**

Bids shall be evaluated in accordance with the Prices for Evaluation (Pi)and their associated factor (Fi) as described here below:

| **Factor (Fi)** | **LIST OF PRICES FOR EVALUATION** | | | | **PRICE in EUR (Pi)** |
| --- | --- | --- | --- | --- | --- |
| 1 | Price for each individual item that is part of the system and can be purchased individually. (i.e. pump(s), nozzle(s), power unit(s), hoses, valves, etc.) as described under Point 2 – Q1 |  | **NAME** | |  |
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|  |  | |  |
|  | *(add more lines if needed)* | |  |
| 1 | Price of container(s) for storage and transportation of 1 system including all necessary ancillaries for its autonomous operation on board a vessel (i.e. power unit(s), pump(s), hoses, etc.) as described under Point 2 – Q2 | | | |  |
| 1 | Price of repair tools and spares for the system as described under Point 2 – Q4. | | | |  |
| **Factor (Fi)** | **LIST OF PRICES FOR EVALUATION (continuation)** | | | | **PRICE in EUR (Pi)** |
| 2 | Price for the purchase of a complete system including all the items listed above | | | |  |
| 2 | Price for on-site commissioning of the full system of equipment as described under Point 2 – Q7 | | | |  |
| 4 | Price for a two day on-site training as described under Point 2 – Q7 | | | |  |
| 2 | Price for attendance to the operational acceptance test upon delivery of the equipment | | | |  |
| 2 | Transportation of 1 complete system | | | Price per 1 km (Road transport) will be multiply by a 1,000 kilometres for evaluation proposes |  |
|  |
| **Total for evaluation (∑Pi x Fi)** | | | | |  |

Tenderers are invited to fill in the table below with the prices of “other ancillaries” (i.e. self-primming pumps, eductor, hoses, adaptors, connectors, flow meter, PPE, etc.) as listed under Quality criterion N.9. 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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