***Enclosure 2 A to Invitation to Tender No EMSA/OP/13/2017 for the supply of single point inflation (SPI) boom sections for oil pollution response at sea***

**Bid Template for lot 1 (vessel *Brezzamare*)**

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

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

1. **SELECTION CRITERIA - MINIMUM REQUIREMENTS**

**To prove the technical and professional capacity (selection criteria at point 14.5 of the Tender Specifications, Enclosure 1 to the Invitation to Tender) please enclose to this document the list of customers and projects concluded in the last five years encompassing delivery of SPI booms and commissioning, and the supporting references (such as equipment technical manual, info sheet, and sea trials).**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Item N.** | **MINIMUM REQUIREMENT** | **Compliance**  **Yes/No** | **COMMENTS** |
|  | | | |
| 1 | *Each boom section has an overall length of 250 meters approximately.* |  |  |
| 2 | *The new boom sections offered are Single Point Inflation (SPI) type.* |  |  |
| 3 | *The two single point inflation (SPI) boom sections are fully compatible with the actual mechanical components and engines of the existing boom set already on board the vessel Brezzamare, which comprises tailor-made boom platforms, guiding rollers, twist lock supports, turntable boom reels, power pack and hydraulic system.* |  |  |
| 4 | *The booms are easily operated minimising the man-power necessary for deployment and retrieval.* |  |  |
| 5 | *The SPI boom sections supplied include the ancillaries necessary for its autonomous operation on board the vessel (i.e. towing lines, bridle, net for cross bridle, bridle for U formation, etc.).* |  |  |
| 6 | *The new air compressor and air hoses are compatible with the boom sections.* |  |  |
| 7 | *If the SPI boom fabric is divided in segments, the joins are welded and not only glued.* |  |  |
| 8 | *Every stainless steel fittings is hot galvanized and properly protected with cold applicable anti-corrosion and sealing tape.* |  |  |
| 9 | *The SPI booms must be designed for operation and towing in open sea.* |  |  |
| 10 | *The boom can be easily maintained and repaired when deteriorated/damaged during regular use.* |  |  |
| 11 | *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:

|  |  |  |
| --- | --- | --- |
| **2.1 Quality criterion (Q1)** | **Quality and appropriateness of the SPI boom sections, ancillaries and air compressor** | **45%** |

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

* Provide design, requirements, fabric materials, total weight, main dimension of **one SPI boom system** demonstrating the fully compatibility with the actual mechanical components and engines of the boom set already present on board the vessel *Brezzamare*:
* Provide a description of the 250 m (or approximately) length SPI-boom sections (inflation system, stainless steel fittings, ballast type and weight, buoyancy chambers characteristic, buoyancy to weight ratio, operational height, free-board height, operational draught, section length and joining system, water and wind resistance, floating system, wave following capability, thickness of boom fabric tear strength, puncture strength, abrasion resistance, weathering resistance, oil resistance):

Describe if the SPI boom sections offered allow for a rapid deployment from a vessel (indicative deployment time):

* Specify the quality, type and characteristics of the new air compressor and compatible hoses for the operation of the offered SPI boom sections:
* Specify the quality, type and characteristics of the necessary ancillaries (i.e. towing lines, bridle, etc.) for the operation of the SPI boom sections offered:
* Describe the different options for handling and operating the SPI boom (indicate minimum number of people to safely operate the system):
* Indicate if the material is certified in accordance with the referenced Standard ISO 17325-1:2014(E), or has an equivalent quality or certification (if yes, please specify):
* Describe the limitations of the design and of the performance demonstrated during the conducted test (i.e. maximum operating speed, critical towing speed, water and wind resistance, floating system, wave following capability etc.):
* Indicate if the limitations of the design and of the performance are certified in accordance with the referenced Standard ISO 17325-1:2014(E) or has an equivalent performance certification (if yes, please specify):

|  |  |  |
| --- | --- | --- |
| **2.2 Quality criterion**  **(Q 2)** | **Complexity of the maintenance requirements for the SPI boom system, including completeness of the repair tools and spare parts** | **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 included the frequency and method of maintenance and cleaning, tools, recommended spare parts and accessories:
* Indicate the complete list of spare parts delivered with the boom sections and included in the price offer:

|  |  |  |
| --- | --- | --- |
| **2.3 Quality criterion**  **(Q 3)** | **Quality of the plan for Commissioning** | **5%** |

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

* Describe the methodology for assembling installation and commissioning of the boom sections and ancillaries on board a vessel:

|  |  |  |
| --- | --- | --- |
| **2.4 Quality criterion**  **(Q 4)** | **Quality of the plan for disposal of old equipment components** | **5%** |

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

* Describe the project proposal about the transfer of the old equipment components stored in the warehouse in Genoa (Italy) by specifying the means of transport and the facilities identified for the disposal:

1. **PRICE OFFER**

Tenders shall be evaluated in accordance with the total price for evaluation (P) including the supplies and services described under points 2.3 and 2.4 of the Tender Specifications (Enclosure 1 to the Invitation to Tender) as specified in the table below:

| **Prices of the mandatory tasks in the supply contract** | | |
| --- | --- | --- |
| **P1** | **Price for the supply of two new SPI boom sections** **including ancillaries and spare parts and one air compressor**  ( points 2.3.a and 2.3.c of the Tender Specifications, Enclosure 1 to the invitation to Tender) |  |
| **P2** | **Price for the provision of the additional services**  (point 2.3.b of the Tender Specifications, Enclosure 1 to the invitation to Tender) |  |
| **Price of optional services** | | |
| **P3** | **Price for disposal of the old equipment components including transport to the waste management facility**  (point 2.4 of the Tender Specifications, Enclosure 1 to the invitation to Tender) |  |
| **P=(P1+P2+P3)** | **TOTAL PRICE FOR ALL SUPPLIES AND SERVICES (for evaluation purposes)** |  |