**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 | *Each boom section has an overall length of 250 mt 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 Monte Anaga which comprises tailor-made booms platform, guiding rollers, twist lock supports, rotating boom reels, power pack, hydraulic system and air compressor.* |  |  |
| 4 | *The boom 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.) and air hoses that make it compatible with existing air compressor.* |  |  |
| 6 | *If the SPI boom fabric is divided in segments, the joins are welded and not only glued.* |  |  |
| 7 | *Every stainless steel fittings is hot galvanized and properly protected with cold applicable anti-corrosion and sealing tape.* |  |  |
| 8 | The SPI booms must be designed for operation and towing in open sea. |  |  |
| 9 | *The boom can be easily maintained and repaired when deteriorated/damaged during regular use.* |  |  |
| 10 | *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 and ancillaries** | **50%** |

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

* Provide design, requirements, fabric materials, total weight, main dimension of **1 SPI boom system** demonstrating the fully compatibility with the actual mechanical components and engines, in particular hydraulic and air systems of the boom set already present on board the vessel *Monte Anaga*:
* 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 necessary ancillaries (i.e. towing lines, bridle, etc.) for the operation of the SPI boom sections offered as well as the type and characteristics of the hoses that make it compatible with existing air compressor and air supply system:
* 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 plans 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:

1. **PRICE OFFER**

Tenders shall be evaluated in accordance with the total price for evaluation (P) including all supplies and services (as described under point 2.2 of the Tender Specifications – Enclosure 1 to the Invitation Tender) as specified in the table below:

| **P=TOTAL PRICE FOR ALL SUPPLIES AND SERVICES**  **including two SPI boom sections (2x250m) and additional services (dismantling, transportation and disposal of the old boom sections, as well as assembling, installation, commissioning and Acceptance Test of the new supplies** |  |
| --- | --- |