



Introduction

The Maritime and Coastguard Agency (MCA) is an Executive Agency of the Department for Transport. The MCA is responsible throughout the UK for implementing and developing the UK Government's maritime safety and environmental protection policy. That includes co-ordinating Search and Rescue (SAR) at sea through Her Majesty's Coastguard 24 hours a day, and checking that ships meet UK and international safety rules. The MCA work to prevent the loss of lives at the coast and at sea, to ensure that ships are safe, and to prevent coastal pollution: Safer Lives, Safer Ships, Cleaner Seas.

The MCA provide a full range of search and rescue, counter pollution, survey, inspection and enforcement activities and has 12 major business activities:

• Survey	• Seafarers Services
• Inspection	• Search & Rescue
• Enforcement	• Pollution Response & Salvage
• Ship Registration	• Stakeholder Communication
• Navigation Services	• Ministerial Services
• Strategic Prevention Design/Development	• Regulatory Process

These activities are supported by support services responsible for providing a range of administrative functions including infrastructure, MCA people, financial management & administration and corporate management.

You are invited to submit a tender to the following Specification:

CONTRACT REFERENCE: TCA 3/7/1131
BOOM CLEANING SYSTEM

1. General Requirement

- 1.1** The MCA holds large quantities of foam-filled fence boom and heavy-duty offshore boom within its national counter pollution equipment stockpile, stored across three UK locations.
- 1.2** Following deployment for incident or exercise purposes, lengths of boom that have been recovered from the sea are contaminated with saltwater, marine growth, surface dirt and possibly oil.
- 1.3** In order to maintain the longevity and integrity of the boom material, it is very important that recovered boom sections are thoroughly cleaned before being returned to storage, ready for next use. The current manual solution using pressure hoses is inefficient in terms of time, labour and water resources.
- 1.4** The MCA would like to purchase a boom cleaning system that provides an easy and efficient method for cleaning contaminated sections of boom that have been recovered from the sea.

2. Technical Specification

- 2.1** The requirement is for a transportable system that is capable of thoroughly cleaning contaminated oil boom. A full technical description of how the system operates is required.
- 2.2** The rate of cleaning per metre of boom with a range of levels of contamination. Tenders must provide detail on the water efficiency of the proposed system and describe how contaminated water is separated and stored within the system, ready for safe disposal. Proposed systems must incorporate a methodology for recycling clean water within the system for re-use.
- 2.3** Tenderers need to specify the number of operators required to operate the system for boom cleaning.
- 2.4** Tenders must clearly describe how the system is powered and the power source must be included within the overall tender price.

- 2.5** Tenders must specify the types of boom and minimum/maximum dimensions that the proposed system is capable of cleaning, as well as specifying any boom type that it is not compatible.
- 2.6** The cleaning kit should be constructed of weather and seawater resistant marine grade material, lightweight, easy to control and operate.
- 2.7** The proposed system must be transportable and tenderers must describe how the entire unit is stored and confirm the presence of integrated forklift pockets. Dimensions and weight of the fully housed system should be specified and must not exceed the following dimensions and weight:

Length	4000mm
Width	3000mm
Height	2500mm
Weight	3000kg

- 2.8** Details of expected life of all major components and consumables, with recommendations of what should be held in our stock should be included in your tender. Any items requiring regular replacement should be described along with current costs and lead time for replacement of such items.
- 2.9** Tenderers should include the following specifics in their documentation. Although the information requested may be available on the internet or in printed literature, in order to assist the MCA with the evaluation process it is essential that the responses to the bullets are provided in the order below:
- Full technical description of the method of transporting, securing, setting up for effective operation and a comprehensive boom cleaning methodology.
 - Specifics of boom type and dimensions the kit is capable of cleaning.
 - Specifics of type of oil, viscosity and marine growth the kit can remove.
 - Please specify what percentage of oil would be removed with one cleaning cycle. This should consider various lengths of time of oil exposure ie: freshly contaminated oil or a boom which has been left at sea for a number of months.
 - Proof of testing and evidence of results for cleaning different types of oil, with a range of viscosities, giving examples of various lengths of time of oil exposure.
 - Replacement items/consumables that may be needed including a recommended maintenance schedule.

3. Warranty

- 3.1 We regard warranties as an important component of achieving overall best value for money. Full details of your warranty on the tendered equipment is required, including the period of cover – we would require a minimum of 24 months. Please explain if in-house maintenance by the MCA's equipment storage contractors affects your warranty terms.

4. Technical Support

- 4.1 The Tenderers shall detail what technical support and back up they are able to provide. This should include:
- Customer Support Contact numbers and email addresses, Standard support service availability times for this offer – e.g. 0900 to 1800 Monday to Friday, Monday to Sunday, full 24/7, etc.
 - Maximum standard and emergency response times, to attend site if required & maximum standard and emergency times to fix a fault.

5. Maintenance

- 5.1 Tenderers are required to provide maintenance requirements and schedules.
- 5.2 Tenders should include the expected life of all components and consumables, when stored ready for use, and if applicable, details of how the expected life of all components and consumables are affected by one or more uses.
- 5.3 This should include recommendations of what should be held in our stock as a spare/repair package. The cost should be detailed in the Pricing Schedule under Ancillaries and Spare Parts.

6. Delivery

- 6.1 The delivery price should be included in the overall cost as per the Pricing Schedule.
- 6.2 Suppliers must state in their tender the lead time for delivery to Barnsley, UK. Delivery on or before 31st March 2020 is a **critical factor** and is a mandatory requirement for any Tender to be taken forward at the evaluation stage.

7. Proposed Procurement Timetable

Description	Date
Tender published on Contracts Finder	5 th February
Final date for Queries / Questions	5pm 12 th February
Bid Submission date and time	11am on 19 th February
Proposed Contract Award	21 st February
Delivery date	<u>Before</u> 31st March 2020