

## Mid-Tier Contract Schedule 2 (Specification)

Appendix 2 (Specification)

Version issued with above-threshold ITT incorporating Mid-Tier Contract  
Contract Reference: TCA 3/7/1000 (2023) CONTRACT FOR THE PROVISION OF MOBILE  
HYDRAULIC POWER PACKS AND ASSOCIATED GOODS & SERVICES

**Note to Tenderers:** *the content of this Appendix 2 (Specification), will form Schedule 2 (Specification) of the Contract awarded pursuant to this procurement exercise.*

### Requirement Overview

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 at sea through Her Majesty's Coastguard 24 hours a day, and checking that ships meet UK and international safety rules. The MCA works to prevent the loss of lives at the coast and at sea, to ensure that ships are safe, and to prevent marine and coastal pollution: **Safer Lives, Safer Ships, Cleaner Seas.**

The MCA provides 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 and Rescue
Enforcement	Pollution Response and Salvage
Ship Registration	Stakeholder Communication
Navigation Services	Ministerial Services
Strategic Prevention Design/Development	Regulatory Process

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

In accordance with the 2010 Equality Act, our capacity as a public body means we have a statutory duty to eliminate unlawful discrimination, promote equality of opportunity and foster good relations between people of different backgrounds. Contractors will be expected to ensure that the service they provide promotes good relations between the MCA and its customers and does not directly or indirectly discriminate on the grounds of any of the protected characteristics specified in the Act.

## Mid-Tier Contract Schedule 2 (Specification)

Appendix 2 (Specification)

Version issued with above-threshold ITT incorporating Mid-Tier Contract  
Contract Reference: TCA 3/7/1000 (2023) CONTRACT FOR THE PROVISION OF MOBILE  
HYDRAULIC POWER PACKS AND ASSOCIATED GOODS & SERVICES

You are invited to submit a tender for the following project:

### A CONTRACT FOR THE PROVISION OF MOBILE HYDRAULIC POWER PACKS AND ASSOCIATED GOODS AND SERVICES

#### General Requirement

1. The MCA is looking to award a Call-Off Contract to purchase hydraulic power packs, and their associated goods (spares) and services (maintenance and servicing).
2. The Call-Off Contract will cover a period of three years, with an option to extend for up to a further 2 x 12-month periods (subject to regular reviews and KPI performance.)
3. Orders for goods and associated services will be requested as and when required.
4. Our intention is to initially purchase up to a maximum of three power packs for delivery by 31 March 2024.
5. The hydraulic power packs must be capable of operating offshore oil spill equipment such as, Heavy Duty Offshore Boom Reels, Heavy Viscous Skimmers and Pumps. The tenders must be able to demonstrate that their systems can power a range of oil spill equipment, without impact to overall performance during use.
6. The Powerpack should comply to the Stage V (Regulation 2016/1628), the supplier must show how the system meets the requirements set out in the regulation giving as much detail as possible. Non-Stage V systems will be considered for evaluation but will not score the maximum of 5.
7. The MCA must be supplied with complete system(s), each housed within a single frame or container which require no external power source; this is because they may be deployed on casualty vessels where there is no other external power supply available. This will most likely require the system(s) to be diesel driven, but we will consider other innovations which achieve the same ends e.g., electric engines or HVO fuel.
8. Each system should feature as a minimum requirement:
  - a. A control panel to check and control the:
    - i. Start/stop
    - ii. Pump - pressure and flow.
    - iii. Engine speed
  - b. Indicators for the:
    - i. Fuel level
    - ii. Hydraulic oil pressure
    - iii. Hydraulic level indicator with low level float switch

Version issued with above-threshold ITT incorporating Mid-Tier Contract  
Contract Reference: TCA 3/7/1000 (2023) CONTRACT FOR THE PROVISION OF MOBILE  
HYDRAULIC POWER PACKS AND ASSOCIATED GOODS & SERVICES

- iv. Hours of use
  - c. Hydraulic oil flow of between 55 – 74hp at 230bar operating pressure at full load.
  - d. Be fitted with a device on the air inlet system that prevents overspeed in flammable atmosphere and includes both a spark arrester and a chawyn valve
  - e. CE marked and PPE fitted to the system
  - f. Emergency engine shut down
  - g. A stored energy starting system (battery) that contains no fluid
9. The system will be operated on all surface types found on and around the shoreline, the system will also be used for offshore emergency response, the tenderer must show that the system will meet the requirement of being used in a range of environment types, what steps have been used to ensure that the system will not rust or corrode due to salt water.
10. The system must not be any larger than 5m x 3.4m x 3.4m, each complete unit should weigh no more than 6 tonnes (the lifting capacity of our forklift trucks).
11. The frame should have ISO corners incorporated and forklift channels to allow for the system to be lifted by forklift truck, transported by lorry, lifted by crane with lifting slings and be secured to the decks of casualty vessels. lifting eyes and points to lash/anchor the system should therefore be incorporated and shown by the supplier.
12. The MCA places great emphasis on ease of operation and maintenance for all its counter pollution equipment, and tenderers should detail how this will be achieved for their proposed solution. Consideration should be given to:
- a. Easy accessibility of component parts for planned preventative maintenance and servicing.
  - b. Provision of a user manual with operational use instructions and instructions for planned preventative maintenance.
13. Consideration should also be given to operator health and wellbeing regarding noise, the system should comply to UK regulations of daily or weekly personal noise exposure of 87 dB (A-weighted); and(b) a peak sound pressure of 140 dB (C-weighted). The peak sound pressure should be in decibels for the operator, and this should be highlighted on the control panel when the system is operating under full load.
14. The systems will be operated and potentially stored outside during response operations; the system should be provided with weatherproof covers that will withstand all kinds of weather.

## Mid-Tier Contract Schedule 2 (Specification)

Appendix 2 (Specification)

Version issued with above-threshold ITT incorporating Mid-Tier Contract  
Contract Reference: TCA 3/7/1000 (2023) CONTRACT FOR THE PROVISION OF MOBILE  
HYDRAULIC POWER PACKS AND ASSOCIATED GOODS & SERVICES

### Warranty, Training, Commissioning and Technical Support

15. The tenderer should include all accessories, spare parts and any specialised tools required for repair or maintenance in the commercial envelope of the Jaggaer Portal.
16. The system will be housed primarily in a dry warehouse, but while on deployment the powerpack will be exposed to the marine environment for potentially prolonged periods of time. The tenderers need to show that the system performance will not be compromised in these conditions, with at least a 20-year life expectancy based on our level of use of 20 hours per year minimum and upwards of 200 hours + runtime in a major incident.
17. We regard warranties as an important component of achieving overall best value for money. Full details of your warranty on the tendered equipment are required, including the period of cover. Please also explain if in-house maintenance affects your warranty terms. The minimum length of warranty we will accept is 36 months.
18. Training on and commissioning of this equipment will be required, this is to be either at the tenderers training location or an MCA pre agreed location.
19. Technical support throughout the working life of these systems is a requirement, this would include:
  - Telephone support.
  - Ongoing servicing arrangement.
  - Call out arrangements for repair.
  - 48 months expected normal service pack including wearing parts

### Optional Extras

20. Optional extras to support the overall tender, if offered, must be included as a separate, clearly referenced, attachment document.

### Delivery

21. The MCA has counter pollution equipment stockpiles at Barnsley, Bristol and Dundee. However, the price for this tender should include delivery costs to Barnsley.
22. Suppliers should state in their tender their lead time for delivery to Barnsley, which for the initial order must be by 31st March 2024.