

Appendix 1 to the Tender Specifications – List of equipment and dispersant
Enclosed to Procurement Procedure No EMSA/CPNEG/3/2021 - Service Contract for
Equipment Assistance Service (EAS) – Black Sea
Competitive procedure with negotiation
Phase II – Invitation to Tender

1. List of initial equipment

The initial equipment package to be stored, maintained and operated within the EAS Black Sea arrangement is listed under point 1 below, and will be integrated in the arrangement during the preparation phase.

1.1 NOFI Current Buster 6 system (1 pc)

The system was purchased new and delivered in June 2019, and it is stored in one standard 20ft ISO container weighting approx. 8 tonnes, and two standard 10ft ISO containers weighting approx. 4 tonnes and 5 tonnes.

The system was only deployed during Equipment Condition Tests and exercises, with less than five deployments in total and was never deployed in real emergencies.

The system is in a very good operational condition, with no current technical issues / limitations affecting the operational status of the equipment and with the maintenance service performed in line with the manufacturer's recommendations.

1.2 Desmi Speed Sweep system (1 pc)

The system was purchased new and delivered in April 2019, and it is stored inside a standard 20ft ISO container weighting approx. 6.8 tonnes.

The system was only deployed during Equipment Condition Tests and exercises, with less than five deployments in total and was never deployed in real emergencies.

The system is in a very good operational condition, with no current technical issues / limitations affecting the operational status of the equipment and with the maintenance service performed in line with the manufacturer's recommendations.

1.3 Desmi Ro-Trawl system (1 pc)

The system was purchased new and delivered in May 2019 and is stored inside a standard 20ft ISO container weighting approx. 6.0 tonnes.

The system was only deployed during Equipment Condition Tests and exercises, with less than five deployments in total and was never deployed in real emergencies.

The system is in a very good operational condition, with no current technical issues / limitations affecting the operational status of the equipment and with the maintenance service performed in line with the manufacturer's recommendations.

1.4 Weir Boom (1 pc)

The system was purchased new and delivered in February 2014, and it is stored inside a standard 20ft ISO container weighting approx. 10 tonnes plus one stand-alone reel (length 3.90m, width 3.50m and height 2.54m) weighting approx. 6 tonnes.

The system was only deployed during Equipment Condition Tests, with approx. 15 deployments in total and was never deployed in real emergencies.

All four systems are in a very good operational condition, with no current technical issues / limitations affecting the operational status of the equipment and with the maintenance service performed in line with the manufacturer's recommendations.

1.5 Equipment to be purchased (9 systems)

In addition to the existing equipment systems described above, EMSA intends to purchase several pollution response equipment systems, expected to be commissioned for EMSA in 2021 and delivered during the preparation phase in the first half of 2022, as follows:

- **Oil Storage Barges (3 pcs):** each barge has a storage capacity of 100m³ of recovered oil and each is stored inside an aluminium container (dimensions: 2.82m/1.3m/1.67m) weighting approx. 1.1 tonnes;
- **Oil Offloading System (1 pc):** stored inside a standard 10ft ISO container and weighting approx. 3 tonnes;
- **Current Buster 4 (1 pc):** the system is stored inside one 10ft ISO container weighting approx. 4 tonnes;
- **V-Sweep System (2 pcs):** each stored inside one 10ft ISO container weighting approx. 3.2 tonnes;
- **Oil recovery skimmer with a power pack (2 pcs):** each stored inside one 10ft container weighting approx. 2.3 tonnes.
- **Near-shore response module (1 pc):** contains one workboat (7m long) on road trailer, together with booms and other recovery equipment;
- **One coastal boom (300 to 500m long):** the boom is stored in one 20ft ISO container weighting approx. 5 tonnes;
- **Oil Storage Barge (1 pc):** the barge has a storage capacity of 25m³ of recovered oil and is also provided with a pump. The barge is stored inside a compact metal container weighting less than 1 tonne.

For more information on the existing systems part of the initial equipment package, please consult the relevant info-sheets attached hereto.

2. Other potential additional equipment to be stored within the EAS Black Sea

Additional equipment sets of different types may be integrated in the EAS stockpile at any time, either during the Preparation Phase or the Stand-by Phase. These sets could be either newly purchased by EMSA, as well as equipment sets already available as part of the Network of Stand-by Oil Spill Response Vessels (e.g. skimmers, booms on reels, power packs, sweeping arms). Such additional equipment may be containerised, installed on flat racks or as stand-alone. Therefore, appropriate means of transport for containerised and non-containerised equipment must be envisaged (i.e. standard 20ft/40ft trailers, low flatbed trailers), in order to allow proper mobilisation of equipment within the maximum mobilisation time.

Regarding the equipment to be transferred from EMSA's vessel arrangements, the scope of the services will be more limited, mainly for temporary storage, with only a basic preventive maintenance program, no deployment / testing on water and no emergency mobilisation.

For any additional equipment to be integrated in the EAS arrangement, EMSA will clearly indicate whether it will be integrated as part of the EAS equipment to be mobilised for emergencies or just for temporary storage.

For more details about EMSA's Network of Stand-by Oil Spill Response Vessels including all the oil pollution response equipment items, please see the "Network of Stand-by Oil Spill Response Vessels – Handbook 2014" available on the EMSA website (www.emsa.europa.eu) under the following link:

<http://emsa.europa.eu/oil-spill-response/oil-recovery-vessels/items.html?cid=121&id=1439>