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- 1.7.1. The Contractor shall monitor compliance with the relevant Security Classification of all equipment that gathers, stores or transmits information or data. The Contractor shall monitor the relevant software and/or firmware updates that are required on all relevant equipment's as outlined in the Planned Maintenance Schedule.
- 1.7.2. The relevant Security Classification of the Boats or any specific equipment is detailed in the Security Aspects Letter (SAL).
- 1.7.3. The Contractor shall ensure that Secure by Design principles in accordance with ISN 2023/09 Secure by Design Requirements are followed for all design changes to the Boats.
- 1.7.4. The Contractor shall monitor all items and their associated risks and notify the Authority when items are causing a Security Risk in accordance with the SAL in the DORCS Management Quarterly Report.

## 2. Class Taskings

- 2.1. The Contractor shall perform the following requirements from 2.2. to 2.5. when contracted for via MOD Boats Form 1020 – Work Request Form. When this occurs, the Contractor shall submit a quotation for the work via MOD Boats Form 2020 to be approved by the Authority. This quotation shall be based on the Contractor's Weighted Average Hourly Rate (WAHR) for Technical Support tasks.

### 2.2. Technical Reporting

- 2.2.1. The Contractor shall submit Technical Reports to provide the Authority with a continuous overview of defects and technical Class Requirement management across the Boats fleet along with the proposed actions to resolve them. The Technical Reports are as follows:
  - 2.2.1.1. Defect Reporting And Corrective Action System (DRACAS) Report: This report will be used to inform the Authority on all incidents (equipment failures, faults, accidents) raised to them, and outline the corrective actions suggested by the Contractor. The Contractor shall identify if the incident had or could have had an impact on the safety of the vessel. The Contractor shall identify if a change is required to the design as a result of this incident and how this impacts on DORCS (Documentation, Obsolescence, Reliability, Configuration, Security). The Contractor shall update this report throughout the contract and provide an updated version to the Authority on the first working day of the month.
  - 2.2.1.2. Documentation, Obsolescence, Reliability, Configuration, Security (DORCS) Management Report: This report will be used to inform the Authority on all impacts to the Documentation, Obsolescence, Reliability, Configuration and Security aspects of Boat design and information. It shall outline the corrective actions for any non-compliances suggested by the Contractor. The Contractor shall identify if any non-compliance is an impact to overall Safety of the Boat by impacting the capability or operation of the Key Hazard Areas. The Contractor shall update this report throughout the contract and provide an updated version to the Authority on the first working day of the Financial Year Quarter.

### 2.3. Documentation Management

- 2.3.1. The Contractor shall ensure that any changes made to the components or design of the Boat Class as a result of the performance of this contract are reflected in the Class' Technical Documentation, including but not limited to where appropriate:
  - 2.3.1.1. Book of Reference (BR) – to include maintenance instructions and schedules, spares list, operating instructions etc.



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2.3.1.2. Technical Drawings.

2.3.1.3. Volume of Spares (VoS)

2.3.2. The Contractor shall also provide the Authority with recommendations for revisions and updates to the aforementioned Technical Documentation in the DORCS Management Quarterly Report.

2.3.3. The Contractor shall submit all revisions of Technical Documentation to the Authority's Authorised Representative for approval for further distribution. Where approval is not given, the Authority shall suggest changes to be made to the documentation to bring it to a standard at which it may be approved and agree a day by which the Contractor shall complete those changes.

2.3.4. The Contractor shall make the latest version of Technical Documentation available to the Authority in MS Word format, and if requested in .PDF format, .DWG format and/or hard copy.

2.3.5. The Contractor shall maintain full version control of any changes made to the Technical Documentation. Previous versions of Technical Documentation shall remain available for distribution for either twelve months after the documentation change is accepted by the Authority, or until the last Boat of the previous configuration is no longer operated in that configuration (whichever is later).

#### 2.4. Support to Safety and Environmental Cases & Hazard Identification (HazID) Meetings

2.4.1. The Contractor shall, on receipt of a formal tasking from the Authority's Authorised Representative, provide assistance to the update and revision of the Safety and Environmental Case of the Boat Class and relevant supporting equipment in question, including but not limited to:

2.4.1.1. Attendance by Suitably Qualified and Experienced Personnel at Hazard Identification (HazID) Meetings.

2.4.1.2. Updates to Safety and Environmental Cases to account for updates to Boat designs or specifications.

2.4.1.3. Writing or revision of Safety and Environmental Case Reports.

#### 2.5. Codification

2.5.1. The Contractor shall, on demand of the Authority, codify spare parts required for maintenance and continued operation of the Boat Class in question by following the requirements of DEFCON 117.

### 3. Supply of Codified & Uncodified Spares

3.1. The Contractor shall, on receipt of:

3.1.1. A Work Request Form (WRF) (MOD Boats Form 1020) as detailed at Schedule 5A (Multi-Task Summary Form / Work Request Form), supply Uncodified Spares for each Boat Class within the Statement of Technical Requirements; or

3.1.2. A demand order through Contracting, Purchasing and Finance (CP&F), supply Codified Spares detailed at Table 4 (Spares) of Schedule 2A (Statement of Technical Requirements – Pricing) for each Boat Class within the Statement of Technical Requirements.

### 4. Post Design Services (PDS)

4.1. The Contractor shall perform the following requirement from 4.2 to 4.7 when contracted for via MOD Boats Form 1020 – Work Request Form. When this occurs, the Contractor shall submit a quotation for the work via MOD Boats Form 1020 to be approved by the Authority.



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This quotation shall be based on the Contractor's Weighted Average Hourly Rate (WAHR) for Post Design Services (PDS) tasks.

- 4.2. PDS Tasks will follow the below structure and the Authority must approve all stages of the PDS task before the next is commenced.
  - 4.2.1. Feasibility Study – The Contractor shall investigate the design issue, requirements, Classification Standards (and associated technical Standards), Military Standards and the Authority's recommendation to determine if the potential design solution will be feasible.
  - 4.2.2. Design Proposal – The Contractor shall propose one or more design solutions that solves the design issue, meets all the relevant Standards and meets the Authority's requirements. The Contractor shall provide a proposal report with all relevant information, estimated cost, drawings, photos and Standards achieved. The Contractor shall consider the impact on Configuration, Certification, Obsolescence, Reliability and Documentation. The Contractor shall provide their recommendation and necessary supporting information if more than one design solution has been identified.
  - 4.2.3. Implementation – Upon the Authority's selection of the design solution, the Contractor shall provide the Authority with a report detailing the implementation of the design solution including cost, timescale, equipment impacts, Configurable Items update and Documentation update.
- 4.3. The Contractor shall be responsible, when tasked by the Authority, for:
  - 4.3.1. The development of PDS solutions which shall include (but not be limited to) Design Studies and Technical Investigations to mitigate operational issues or improve capability;
  - 4.3.2. The supply of all drawings and documents to the Authority;
  - 4.3.3. Providing support and advice to any Sub-Contractors to ensure the successful implementation of the PDS solution.
- 4.4. In addressing any PDS task, the Contractor shall ensure that any solution or proposal submitted addresses the impact on the operational and safety aspects of the Boats. The Contractor shall also:
  - 4.4.1. Conduct design studies including (if required) building models, mock-ups and/or simulations to demonstrate critical areas and/or interfaces;
  - 4.4.2. Ensure clearance and approval of design proposals with the relevant Classification Society;
  - 4.4.3. Ensure that the global impact of design changes has been declared including (but not limited to) weight, space and all other Boat systems and services;
  - 4.4.4. Prepare and submit comprehensive reports plus any supporting documentation that would enhance the recommendations of the study.
- 4.5. In fulfilling PDS tasks, the Contractor shall meet the requirements of DEFSTAN 05-57 – Configuration Management of Defence Materiel. The Contractor shall establish a Configuration Baseline when it is necessary to define a reference for further product development or in-service modification, then apply configuration control measures to each baselined Configuration Item and its configuration documentation.
- 4.6. Where in the opinion of the Authority the deliverables associated with PDS tasks are found to be inaccurate so as to be unfit for purpose, the Contractor shall rectify, at his own expense, any incorrect information or deliverables and the Authority will also have the right



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to recover from the Contractor any costs incurred by the Authority in implementing any corrective action associated with the incorrect information provided by the Contractor.

- 4.7. The Contractor shall be responsible, when tasked by the Authority, for implementation of the PDS solution.

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Government Furnished Equipment (GFE)

1. GFE is the generic term for materiel loaned to a contractor. These are tangible items that the contractor must manage and account for. Detailed in Table 4 is the GFE that will be made available to the contractor in order to support the Boat Classes contained within this Lot.

Boat Class	GFE Fitted to Boats not controlled by DES Ships Boats	GFE Capital Spares
HMS MAGPIE	KONGSBERG EA440 SINGLE BEAM ECHO SOUNDER SYSTEM KONGSBERG EM2040 MULTIBEAM ECHO SOUNDER SYSTEM CNAV 3050 GEOACOUSTICS APPLANIX CO POS MV S2094 SIDE SCAN SONAR OSIL PROBES	2 x Engine - Yanmar 8LV370 2 x Gearbox - Yanmar ZF220 2 x Waterjet - Hamilton HJ292 1 x Engine - Yanmar 6AYE 1 x Gearbox - Yanmar ZF2000 1 x Waterjet - Hamilton HM521
11m Standard Work Boat	N/A	4 x Engine - Yanmar 6LY440
15m Route Survey Boat	PROJECT WILTON CAPABILITY INCLUDING LARS	4 x Gearbox - Yanmar ZF280
15m Officer Training Boat	N/A	4 x Waterjet - Hamilton HJ364
13.8m Passenger Transfer Boat	N/A	1 x Generator - Fischer Panda 25i
15m Dive Support Boat	N/A	1 x Compressor - Bauer V680
15m Survey Motor Boat	KONGSBERG EA440 SINGLE BEAM ECHO SOUNDER SYSTEM KONGSBERG EM2040 MULTIBEAM ECHO SOUNDER SYSTEM CNAV 3050 GEOACOUSTICS APPLANIX CO POS MV S2094 SIDE SCAN SONAR OSIL PROBES	
11m Small Survey Boat	KONGSBERG EA440 SINGLE BEAM ECHO SOUNDER SYSTEM KONGSBERG EM2040 MULTIBEAM ECHO SOUNDER SYSTEM CNAV 3050 GEOACOUSTICS APPLANIX CO POS MV S2094 SIDE SCAN SONAR OSIL PROBES	

Table 4 - Government Furnished Equipment by Boat Class

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Government Furnished Information (GFI)

2. GFI is technical information, in any media format that will be supplied to the contractor in order that they can support the Boat Classes contained within this Contract. Table 5 provides an overview by Class of information that will be provided.

Boat Class	
HMS MAGPIE	BR 7992
11m Standard Work Boat	BR 7933
15m Route Survey Boat	BR 7994A
15m Officer Training Boat	BR 7994B
13.8m Passenger Transfer Boat	BR 7994E
15m Dive Support Boat	BR 7994C
15m Survey Motor Boat	BR 7994D
11m Small Survey Boat	BR 7933A

Table 5 - Government Furnished Information by Boat Class