

| C1 - Technical Baseline |      |                          |                                                                                                                                                                                                              |                                                                                                               |                                                                                                                                                                                                               |                          |
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| Section                 | ID   | Title                    | Measure of Performance                                                                                                                                                                                       | Evidence Required under Schedule 2C (SOTR - Component 3 - Contractors Proposal)<br><br>TS = Technical Section | Supporting Comments                                                                                                                                                                                           | Clarification Question   |
| 1. Platform             | 1.1  | Hullform                 | The craft shall have a deep-vee hull                                                                                                                                                                         | TS2.5                                                                                                         |                                                                                                                                                                                                               |                          |
|                         | 1.2  | Length                   | The craft shall have a Length Overall (LOA) between 8.5m and 9.5m.                                                                                                                                           | TS2.1 - TS2.4                                                                                                 |                                                                                                                                                                                                               |                          |
|                         | 1.3  | Speed                    | The craft shall sustain a speed of at least 47 knots in the Load Condition 4 in SS0.                                                                                                                         | TS7.1                                                                                                         |                                                                                                                                                                                                               | REDACTED IN ITS ENTIRETY |
|                         | 1.4  | Range                    | The craft shall achieve a range of at least 240nm in Load Condition 4 in SS0 across the defined Operating Profile.                                                                                           | TS7.1                                                                                                         |                                                                                                                                                                                                               | REDACTED IN ITS ENTIRETY |
|                         | 1.5  | Draught                  | The craft shall have a draught of not more than 1.0m in all load conditions.                                                                                                                                 | TS2.3                                                                                                         |                                                                                                                                                                                                               |                          |
|                         | 1.6  | Seating                  | Shock mitigating seating for 6 persons. The seating shall attenuate mechanical shock by a factor of 0.7 at an input magnitude of 6G, measured in accordance with the MOD SeatTesting Protocol 2 (drop test). | TS2.1 - TS2.4 & TS6.1                                                                                         | Four of the seats (non-crew positions) may be fold-down or collapsible. The Authority may test the performance of the seat in line with MOD Seat Testing Protocol to verify the performance.                  | REDACTED IN ITS ENTIRETY |
|                         | 1.7  | Harnesses/ Belts         | All seats which do not fold-down or collapse shall be provided with quick release harnesses or lap belts suitably sized for personnel wearing Personal Protective Equipment.                                 | TS6.1                                                                                                         |                                                                                                                                                                                                               |                          |
|                         | 1.8  | Footstraps and Handholds | All seating positions shall have footstraps and handholds.                                                                                                                                                   | TS2.1 & TS6.1                                                                                                 | For support or bracing.                                                                                                                                                                                       |                          |
|                         | 1.9  | Cabin                    | The craft shall have a partially enclosed (up and over style) Environmental Shelter for the crew and all seated passengers.                                                                                  | TS2.1 - TS2.4                                                                                                 |                                                                                                                                                                                                               |                          |
|                         | 1.10 | Tow Points Fwd           | The craft shall be fitted with forward Towing Point(s) and supplied with a bridle if required.                                                                                                               | TS2.1 & TS6.6                                                                                                 | Being towed is an emergency operation only but may be practiced in training. The craft should be able to be towed at low (displacement) speeds in the full load condition across the full operating envelope. |                          |



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|               | 1.11 | Tow Points Aft             | The craft shall be fitted with stern towing point(s) rated to at least 2000kg Safe Working Load (SWL) and supplied with a bridle if required.                                                                              | TS2.1 & TS6.6  |                                                                                                                                                                                                | REDACTED IN ITS ENTIRETY |
|               | 1.12 | Crash Frame                | The craft shall be fitted with an aft crash frame to protect the outboard motors while travelling astern.                                                                                                                  | TS2.1 - TS2.4  |                                                                                                                                                                                                |                          |
|               | 1.13 | Coding                     | The craft shall comply with MCA Police Boat Code - Code B (20nm), endorsed as "suitable for single handed operation" - Issued with a Certificate of compliance by an authorised certifying authority.                      | TS8.1          |                                                                                                                                                                                                |                          |
|               | 1.14 | Operating Envelope         | The craft design and certification should be suitable for the Operating Environment.                                                                                                                                       | TS8.1          |                                                                                                                                                                                                |                          |
|               | 1.15 | Weight                     | The craft shall have a displacement of less than 3700kg in Load Condition 2.                                                                                                                                               | TS3.2          | Full Compliance is driven by the capacity of the current floating maintenance cradle (dock).                                                                                                   | REDACTED IN ITS ENTIRETY |
| 2. Mechanical | 2.1  | Fuel                       | The craft is powered using commercial or NATO (F67) petrol fuel.                                                                                                                                                           | TS6.3          |                                                                                                                                                                                                |                          |
|               | 2.2  | Running Hours              | The craft shall have a display or gauge that accurately identifies the total number of engine running hours on each engine.                                                                                                | TS6.3          |                                                                                                                                                                                                |                          |
|               | 2.3  | Propulsion                 | The craft shall be propelled by twin electric-start outboard motors with stainless steel propellers. The outboard motors shall be fitted with a power-trim system in order to lift the shaft leg fully clear of the water. | TS6.3          |                                                                                                                                                                                                |                          |
| 3. Electrical | 3.1  | Batteries                  | The craft shall have a selectable, independent battery system at least 40Ah to supply all C4i without engines running to prevent drain from engine starting batteries.                                                     | TS6.2 & TS5.1  |                                                                                                                                                                                                |                          |
|               | 3.2  | Power Outlets              | The craft shall have at least 1 x 12V DC marine power outlets with a generic fitting.                                                                                                                                      | TS6.2 & TS5.1  | For powering miscellaneous portable electronics.                                                                                                                                               |                          |
|               | 3.3  | Handheld Searchlight       | The craft shall have at least 1 x 12V DC Marine Power Outlet which accepts a 2-Pin "Bulgin" plug on a Handheld Searchlight.                                                                                                | TS6.2 & TS5.1  | Handheld searchlight does not need to be provided.                                                                                                                                             |                          |
|               | 3.4  | Portable Device Charging   | The craft shall have 6 x Marine 0.5A USB Type A charging outlets.                                                                                                                                                          | TS6.2 & TS5.1  | These are intended to be used for charging portable electronic equipment. These should be in the console area and have local stowage for small portable devices (i.e. mobile phones, torches). |                          |
|               | 4.1  | Stowage (Ladder)           | The craft shall provide securing/stowage for 1 x Boarding Ladder (both sizes, including flexible extension).                                                                                                               | TS2.1 - TS 2.4 |                                                                                                                                                                                                | REDACTED IN ITS ENTIRETY |
|               | 4.2  | Stowage (Ballistic Shield) | The craft shall provide dedicated securing for 1 x Ballistic Shield.                                                                                                                                                       | TS3.5          |                                                                                                                                                                                                |                          |



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| 4. Mission Systems | 4.3 | Stowage (Taser & Sidearm)  | The craft shall provide dedicated watertight (IP67) stowage to individually securely stow 3 x Tasers Axon X2, 3 x sidearms Glock 17 and associated holsters.                                                                                                                                                                                                                  | TS3.5          | A maximum of 3 separate stowages is required for full compliance. Weapons should be held securely to prevent unintentional discharge.                                                                                                                               | REDACTED IN ITS ENTIRETY |
|                    | 4.4 | Stowage (Personal Weapons) | The craft shall provide dedicated watertight stowage to securely stow 3 x Personal Weapons (C8)                                                                                                                                                                                                                                                                               | TS3.5          | Weapons should be held securely to prevent unintentional discharge.<br><br>The C8 is 900mm in length and weighs 2.70kg.                                                                                                                                             |                          |
|                    | 4.5 | Stowage (Loose Equipment)  | All loose equipment shall have appropriate stowages according to their use and design.                                                                                                                                                                                                                                                                                        | TS3.5          | Stowages should be of an appropriate location, size, design, securing. It would be desirable if safety equipment / lifesaving appliances could be stowed in a removable 'grab bag' in order to easily transfer them between boats.                                  | REDACTED IN ITS ENTIRETY |
|                    | 4.6 | Stowage (Generic)          | The craft shall provide generic watertight stowage for small personal effects and packed lunches.                                                                                                                                                                                                                                                                             | TS3.5          |                                                                                                                                                                                                                                                                     |                          |
|                    | 4.7 | Blue Light                 | The craft shall have a blue strobing LED light bar visible 360 degrees.                                                                                                                                                                                                                                                                                                       | TS3.1          |                                                                                                                                                                                                                                                                     |                          |
|                    | 4.8 | Ballistic Protection       | Meeting the requirement of Partially Compliant plus ballistically protected forward-facing windows that provide NIJ III or equivalent protection against a NATO standard 7.62mm round.                                                                                                                                                                                        | TS3.4 & TS 6.6 | console speaker and fist microphone can be accessed by coxswain and navigator.                                                                                                                                                                                      |                          |
|                    | 4.9 | Ballistic Protection Kits  | A removable Ballistic Protection Kit is provided that meets NIJ III or equivalent to protect from a NATO standard 7.62mm round. As a minimum, the protection shall span the width of the seated crew positions and up to the bottom of the windows on the console in order to protect crew from shots from forward aspects. Individual panels shall not be greater than 25kg. | TS3.4 & TS 6.6 | See Table 1 - Contract Deliverables to DEFFORM 47, Annex D1 (Schedule 04a - Schedule of Requirements - Pricing and Required Dates) for quantities of Ballistic Protection Kits required.                                                                            |                          |
|                    | 5.1 | Airwaves                   | The craft shall be fitted with current Police Secure Communications (Airwaves).                                                                                                                                                                                                                                                                                               | TS5.3          | See GFI list for details of equipment provided by the user. It should be noted that the radio transceiver is not provided with the full marine enclosure. Therefore, it will need to be sited in an environmentally protected location, while remaining accessible. | REDACTED IN ITS ENTIRETY |
|                    | 5.2 | Maritime VHF               | The craft shall be fitted with a Tri-watch maritime Digital Selective Calling (DSC) VHF radio enabled with Channel 0.                                                                                                                                                                                                                                                         | TS5.3 & TS6.4  |                                                                                                                                                                                                                                                                     |                          |
|                    | 5.3 | Integrated Communications  | The craft shall integrate the communications system to achieve the Information Exchange Requirements.                                                                                                                                                                                                                                                                         | TS5.3 & TS1.5  | Each position shall be able to mute reception of individual inputs, and select which output to transmit on.                                                                                                                                                         |                          |