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| **PLEASE NOTE THESE SPECIFICATION WERE ISSUED IN FEB 2020 AND ARE SUBJECT TO REVIEW AND MAY CHANGE PRIOR TO PUBLICATION IN MARCH 2021**  **GROUP FOUR – WATER RESCUE ENSEMBLE** |
| **Name of Tenderer:** |
| **Introduction:**  The Fire and Rescue Services (Emergencies) (Wales) (Amendment) Order 2017 amends Article 2 of the Order to include a duty to prepare for and respond to flooding and rescues from inland waters. The Fire (Additional Function) (Scotland) Order 2005 and The Fire and Rescue Services (Emergencies) Order (Northern Ireland) 2011, sets out a duty for the Scottish Fire and Rescue Service and Northern Ireland Fire and Rescue Service to prepare for and respond to serious flooding. This includes any flooding that causes or is likely to cause a person to die, be seriously injured or become seriously ill.  The management and engagement of national flood rescue assets in England and details of how agencies will respond to flooding are detailed in DEFRA’s [Flood Rescue Concept of Operations](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/269390/pb13676-frco.pdf).  The water rescue ensemble will be used in the training environment and by ‘water first responders’ (module/level 2 operatives) and ‘water rescue technicians’ (module/level 3 operatives) as defined by DEFRA. |
| **Independent testing:**  Independent Certification from test laboratories that are accredited to their respective National Accreditation Service. The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017   * Validity – must be 6 months or more prior to date of expiry. * Production – MUST be before wearer trials. Deadline for submission of certification to the Authority is **12:00 hours on 17th July 2020**. Tenderers must submit a signed letter on official letterhead from the accredited test laboratory that complies with the above requirement stating that work has been commissioned and certification will be achieved before the required deadline.     Failure to supply certification by the deadline may result in the Tenderer not continuing in the process.  LOT 8. Ensemble – consisting of the following items, also available for individual  purchase;   * 2 x Dry suits, suitable for module 2 and suitable for module 3 and 4 * Personal flotation devices (PFD), life jacket, level 275 * Personal flotation devices (PFD), buoyancy aid, level 70-90 * Water Rescue Marine Helmet * Water safety helmet * Skull cap * Gloves * Thermal protection suit * Gloves * Boots   This group shall be by direct award to a single Tenderer for the full ensemble. Interoperability is a key consideration and all garments must therefore be compatible with one another. |

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| **Compatibility:**  The PPE at Work regulations places a requirement on employers to ensure that where more than one item of PPE is used simultaneously, such equipment is compatible and continues to be effective against the risks.  Further to this requirement ‘*BS ISO 11999-2 Personal protective clothing and equipment – Guidelines on Compatibility testing of PPE*’ states that these considerations need to cover the PPE and any ancillary or associated equipment, which is used in conjunction with each other for the holistic and overall protection of the user.  As such there is an expectation on manufactures and Tenderers that these considerations have both been included within the design of the relevant PPE and in the offering as part of this tender.  Therefore there is an expectation that any supplied element of PPE and combination of items has been tested to BS ISO 11999-2 by an independent, nationally accredited test laboratory.  This compatibility testing shall be in addition to any specific compatibility testing contained within the product specific standard (BS, EN and/or ISO).  Furthermore, assessment of compatibility will be undertaken during the wearer evaluation trials.  The wearer evaluation trials will broadly follow the guidance contained within both ‘*BS 8679 Personal protective equipment for fire fighters – Assessment of ergonomic performance and compatibility – requirements and test methods’* and‘BS *ISO 11999-2 Personal protective clothing and equipment – Guidelines on Compatibility testing of PPE*’. The wearer evaluation trials and evaluation methodology are fully described within Annex 6 and Annex 7 of the ITT. |
| **Instructions for completion:**  Where Tenderers are required to state their compliance to any requirements, Tenderers are expected to evidence their compliance as per the criteria for each requirement. (All response criteria listed for each requirement must be provided) The Authority reserves the right to clarify any of the evidence provided by Tenderers.  The Authority has the discretion to evaluate the relevance of any evidence provided to determine compliance and whether the response is awarded a pass or fail mark. |

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| **Requirement Reference Number** | **Requirement** | **Response Criteria** | **Mandatory**  **(M)**  **Desirable**  **(D)** | **Tenderer Statement:**    **Pass/Fail** | **File Reference of Supporting Evidence**  **(e.g. document title and page number)** |
| **LOT 8 - WATER RESCUE ENSEMBLE** | | | | | |
| **Water rescue dry suit** | | | | | |
| A1 | Two styles of dry suit are required:   1. Suitable for module 2, Water and flood first responder as defined by DEFRA   Fabric weight 220 -325g/m²  The fabrics used must be suitable for the intended activities as defined by DEFRA   1. Suitable for module 3 & 4, Water and flood technician/boat operator as defined by DEFRA   Fabric weight 325-430g/m²  The fabrics used must be suitable for the intended activities as defined by DEFRA  Front entry dry suit with diagonal waterproof zip which is at least medium duty 8 pitch, which can be operated with a gloved hand.  Lower body  To be manufactured from durable hard wearing fabric that is fit for purpose for our requirement  Bellowed pocket to the front right thigh  Upper body  To be manufactured from a durable hard wearing fabric that is fit for purpose for our requirement | Evidence from Tenderer shall constitute:   * Detailed product specification that gives clear details of:-  1. Quality of zip 2. Fabric weight 3. Quality and attributes of all fabrics 4. Details on how fabric meets the requirements of the intended use 5. Confirmation of required pocket | M |  |  |

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| A2 | Any seams of the suit are to incorporate double stitching. The primary sealing of the seam on the inside of the suit is to be with bonding tape e.g. neoprene or equivalent. A secondary sealing with wider bonding tape should then fully cover and overlap the primary seal | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that all seams are double-stitched and primary and secondary sealed with bonding tape | M |  |  |
| A3 | Integral neoprene seals at neck and cuffs of at least 3.5 mm thickness. The seals are to be highly impermeable to water, offering at least 99% impermeability rate  NB. See also optional requirements D2 | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that all neoprene seals are at least 3mm thick and have the required high impermeablity | M |  |  |
| A4 | Have waterproof heavy duty latex socks and protective ankle gaiter | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that suit has latex socks and protective ankle gaiter | M |  |  |
| A5 | Have reinforcement on seat, shins and knees, which may exceed the fabric weight ranges where necessary and if applicable | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that suit has reinforced seat, shins and knees | M |  |  |
| A6 | Be fitted with internal adjustable braces attached to the middle of the suit | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that suit has internal adjustable braces | M |  |  |
| A7 | Have an elasticated waist | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that suit has elasticated waist | M |  |  |

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| A8 | Be available in all sizes from small to XXXL  To include a facility to provide ‘made to measure’ for wearers that fall outside standard size ranges. Please refer to 5. Sizing and Special Requirements in Stage 1: Pass / Fail Evaluation Questions at within the ITT. | Evidence from Tenderer shall constitute:   * Detailed Product specification * The actual sizing chart to be offered via the Framework that evidences the entire range of sizes required | M |  |  |
| A19 | Be of a bright colour for easy identification of personnel in daylight and night operations.  Module 2, Yellow (upper body) with Black (lower body), and;  Red (upper body) with Black (lower body) | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that suit will be provided in the colour combination required | M |  |  |
| A10 | Have reflective markings on sleeves at least 50mm in thickness. If these are sewn on (rather than heat sealed) the stitching should be suitably sealed on the inside of the suit. See A2 | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that suit has reflective markings and that if sewn on that the inside of the suits are suitably sealed as per requirement at A1 | M |  |  |
| A11 | Have reflective silver logo on rear of dry suit across shoulders and on right hand sleeve wording to be “Fire and Rescue” both logos to be of a suitable size that clearly identifies Fire and Rescue personnel whilst attending rescue scenarios. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that suit has reflective silver logo as required | M |  |  |
| A12 | Have internal label for wearer’s identification name and number | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that suit has internal label as required | M |  |  |
| A13 | Be supplied with a changing mat and storage bag with Identification pocket for easy identification of suit size | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that suit is supplied with a changing mat and storage bag with the required identification pocket | M |  |  |
| A14 | Manufactures branding on suits shall be kept to a minimum and must not conflict with primary branding of fire and rescue. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that branding on the suit has been kept to a minimum and does not conflict with the required primary branding | M |  |  |

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| A15 | **Compatibility**  Compatible with the use of 275N Lifejackets, 275N SoLAS lifejackets and 75n Personal Flotation Devices.  Ensemble Conforming to ISO/TS 11999-2:   * Section 4.2, Minimum requirement of compatibility * Section 4.3.2, Compatibility for helmet/hood/jacket interfaces * Section 4.3.3, Compatibility for glove/jacket interfaces * Section 4.3.5, Compatibility for footwear/trouser interfaces   NB. Although not entirely relevant to water rescue ensembles the general principles of compatibility should be tested. | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| **Water rescue dry suit - General Requirements** | | | | | |
| B1 | Each garment will need to be uniquely barcoded in order that the Authority is able to track each garment, particularly if a garment is sent for cleaning, repair and maintenance.  The Tenderer must provide an inventory of barcodes with each order delivered and hold a central database of all barcodes assigned to each order for each Participating Authority.  If providing cleaning, repair and maintenance services, the Tenderer must use the unique barcodes to enable both the Tenderer and the Authority to track the garments throughout each stage of the respective service provision.  This information must therefore be accessible to both the Tenderer and Participating Authority throughout the life of each call-off arrangement. | The Tenderer must provide relevant evidence to demonstrate how the requirement shall be met, and shall include product information of the barcoding system that shall be used to meet the requirement. | M |  |  |
| **Water rescue dry suit - Additional Documentation** | | | | | |
| C1 | The Tenderer shall provide all relevant user documentation and manuals that details how the item is:   1. Safely used and adjusted (if necessary) 2. Maintained, including repair if relevant 3. Cleaned   All of these to be published in English. | Evidence from Tenderer shall constitute:  User documents that come with the product detailing all the requirements (1, 2 and 3 as listed) in English on company headed or branded paperwork. | M |  |  |

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| C2 | Specific guidance on the correct fitting of dry suits shall be required and in particular the requirements to ensure a correct fit with the neck seal. Should the advice differ between variant neck seal materials then this should be made absolutely clear.  Attention is drawn to HSE guidance:  <https://www.hse.gov.uk/safetybulletins/latex-neck-seals.htm> | Evidence from Tenderer shall constitute:   * Tenderer to provide detailed guidance for the correct sizing of dry suits and clearly identifying any differences between the differing types of neck seals. Guidance to be provided in English. |  |  |  |
| **Water rescue dry suit - Optional Fire Service Requirement** | | | | | |
| D1 | Suit must have an option for latex seals.  In addition tenderers shall where possible provide details of optional seals in new innovative materials as an alternative solution to be considered by the Authority. | Evidence from Tenderer shall constitute:  Detailed product specification for optional latex seals;  Detailed product specification for new innovative materials as an alternative solution along with details of any trials and their results to evidence performance of the seals. | M |  |  |

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| **Requirement Reference Number** | **Requirement** | **Response Criteria** | **Mandatory**  **(M)** | **Tenderer Statement:**    **Pass/Fail** | **File Reference of Supporting Evidence**  **(e.g. document title and page number)** |
| **LOT 8 - WATER RESCUE ENSEMBLE** | | | | | |
| **Personal flotation device (PFD) - life jackets (Level 275)** | | | | | |
| A1 | **Lifejacket**  The proposed lifejacket will be certified and comply with the following:  BS EN ISO 12402-2: Lifejackets, performance level 275 | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| A2 | **Accessories**  The proposed lifejacket will be certified and comply with the following:  BS EN ISO 12402-8: Accessories | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |

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| A3 | **Test Methods**  The proposed lifejackets will be certified and comply with the following:  BS EN ISO 12402-9: Test methods | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| A4 | **Special purpose**  The proposed lifejacket will be certified and comply with the following: BS EN ISO 12402-6: Special purpose lifejackets and buoyancy aids | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| A5 | **Materials and components**  The proposed lifejackets will be constructed of materials that comply with the following:  BS EN ISO 12402 - 7 Materials and Components. | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |

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| A6 | **Inflation**  Manual and Oral inflation mechanisms As per BS EN ISO 12402-2 | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| **Personal flotation device (PFD) - life jackets (Level 275) - General Requirements** | | | | | |
| B1 | The required life-Jackets are all required to meet a user’s mass of between 40Kg and greater than 70Kg and as such classed as adult.  As per the Standard BS EN ISO 12402-2 | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| B2 | Automatic Single Chamber operation. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that lifejacket is of single chamber operation | M |  |  |
| B3 | Each garment will need to be uniquely barcoded in order that the Authority is able to track each garment, particularly if a garment is sent for cleaning, repair and maintenance.  The Tenderer must provide an inventory of barcodes with each order delivered and hold a central database of all barcodes assigned to each order for each Participating Authority.  If providing cleaning, repair and maintenance services, the Tenderer must use the unique barcodes to enable both the Tenderer and the Authority to track the garments throughout each stage of the respective service provision.  This information must therefore be accessible to both the Tenderer and Participating Authority throughout the life of each call-off arrangement. | The Tenderer must provide relevant evidence to demonstrate how the requirement shall be met, and shall include product information of the barcoding system that shall be used to meet the requirement. | M |  |  |

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| B4 | Protective Cover: Compliant with BE EN ISO 12402-Part 7 and 8.  Protective cover to have inflation mechanism inspection window | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that lifejacket has a compliant protective cover * Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline. | M |  |  |
| B5 | Protective Cover requires to be wipe down and easily cleaned. | Evidence from Tenderer shall constitute:   * Tenderer to provide confirmation that lifejacket has a compliant protective cover that is easily cleaned | M |  |  |
| B6 | Protective Cover should be Red-Orange - complete with reflective markings as per BS EN ISO 12402-2 | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that lifejacket has a compliant protective cover that is red-orange in colour and has the required reflective material attached * Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline. | M |  |  |
| B7 | Fitted with a stainless steel rust resistance material front buckle and front attachment D ring | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that lifejacket has a stainless steel, rust resistant front buckle and attached D ring | M |  |  |
| B8 | Adjustable waist-belt with adjustable crotch straps | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that lifejacket has an adjustable crotch strap | M |  |  |

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| B9 | All lifejackets must be supplied with Automatic Emergency Light - As per BS EN ISO 12402-2 | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that lifejacket has a compliant automatic emergency light * Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline. | M |  |  |
| B10 | Each individual Life-jacket to be supplied with a storage bag | Evidence from Tenderer shall constitute:   * Tenderer to provide confirmation that lifejacket is supplied with a storage bag and provide a detailed product specification of the storage bag. | M |  |  |
| **Personal flotation device (PFD) - life jackets (Level 275) - Additional Documentation** | | | | | |
| C1 | The Tenderer shall provide all relevant user documentation and manuals that details how the item is:   1. Safely used and adjusted (if necessary) 2. Maintained, including repair if relevant 3. Cleaned   All of these to be published in English. | Evidence from Tenderer shall constitute:  User documents that come with the product detailing all the requirements (1, 2 and 3 as listed) in English on company headed or branded paperwork. | M |  |  |
| **Personal flotation device (PFD) - life jackets (Level 275) - Optional Fire Service Requirement** | | | | | |
| D1 | Each lifejacket to have the wording "FIRE" placed on the protective cover in addition to the reflective markings required at B6 | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that lifejacket can be supplied with the required wording | M |  |  |
| D2 | Each lifejacket to have a fire resistant protective cover, with reflective markings (as required at B6) and including the wording ‘FIRE’ | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that lifejacket can be supplied with a fire resistant cover with the required wording | M |  |  |
| D3 | A version compliant to the Maritime and Coastguard Agency Safety of Life at Sea Regulations (SOLAS)  <http://solasv.mcga.gov.uk/> | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification | M |  |  |
| **Requirement Reference Number** | **Requirement** | **Response Criteria** | **Mandatory**  **(M)** | **Tenderer Statement:**    **Pass/Fail** | **File Reference of Supporting Evidence**  **(e.g. document title and page number)** |
| **LOT 8 - WATER RESCUE ENSEMBLE** | | | | | |
| **Personal Flotation Device, buoyancy aid (Level 70-90)** | | | | | |
| A1 | **Personal Flotation device**  The proposed Personal flotation device (PFD) will be certified and comply to the following:  BS EN ISO 12402-5: Buoyancy Aids  (With an increased performance of between 70N - 90N, dependant on size. | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| A2 | **Accessories**  The proposed PFD will be certified and comply with the following: BS EN ISO 12402-8: Accessories | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| A3 | **Test Methods**  The proposed PFD's will be certified and comply with the following:  BS EN ISO 12402-9: Test methods | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |

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| A4 | **Buoyancy**  The buoyancy required will be 70N-90N, dependant on size and must take into account all accessories as per this specification, see A2 | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| A5 | **Special purpose requirement**  The proposed PFDs will be certified and comply with the following:  BS EN ISO 12402-6: Special purpose lifejackets and buoyancy aids | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| A6 | **Materials and components**  The proposed PFDs will be constructed of materials that comply with the following:  BS EN ISO 12402 - 7 Materials and Components. | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| **Personal Flotation Device, buoyancy aid (Level 70-90) - General Requirements** | | | | | |
| B1 | The required PFDs are all required to meet a user’s mass of between 40Kg and greater than 70Kg as such classed as adult. As per the Standard BS EN ISO 12402-5. NB. Please note the increased buoyancy requirement in A4. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that Personal Flotation Device meets the required user mass range for the increased buoyancy requirement | M |  |  |
| B2 | The proposed PFD will be of a waist-coat style with a Chest Harness Quick release mechanism. The PFD must be fitted with adjustable crotch straps | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that Personal Flotation Device is of a waist-coat design with quick release chest harness and adjustable crotch straps | M |  |  |
| B3 | The item must have a Front pocket with attachment loops suitable in size for at least 2 standard karabiners | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that Personal Flotation Device has a front pocket with attachment for at least 2 standard karabiners | M |  |  |
| B4 | The proposed PFD must be fitted with at least 5 lashing attachment points:  front (minimum of 2) Shoulders (minimum of 2) and Rear (minimum of 1)  The attachment points must be made of a material conforming to:  BS EN ISO 12402-7 materials and Testing | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that Personal Flotation Device has the required 5 x lashing points and that the lashing point material is compliant. * Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline. | M |  |  |
| B5 | External fabric to be available in in Red complying with the following:  BS EN ISO 12402-5 | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that Personal Flotation Device is available in a compliant red fabric * Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline. | M |  |  |
| B6 | The item must have Reflective strips complying with the following: BS EN ISO 12402-5 | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that Personal Flotation Device has the required compliant reflective strips * Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline. | M |  |  |
| B7 | The item must have Crotch/leg straps | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that Personal Flotation Device has crotch/leg straps | M |  |  |
| B8 | The PFD's must come with emergency lights and comply with the following: BS EN ISO 12402-8: Accessories | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that Personal Flotation Device has a compliant emergency light * Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline. | M |  |  |
| B9 | The PFD to be supplied with a ‘Cow-Tail’ with an integrated stainless steel ring for harness attachment and fitted with a Screw Gate Carabiner. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that Personal Flotation Device comes with a ‘cow-tail’ with integrated rings for harness attachment and fitted with a karabiner. | M |  |  |
| B10 | The Carabiner must comply with EN 362:2004 | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |

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| B11 | Each garment will need to be uniquely barcoded in order that the Authority is able to track each garment, particularly if a garment is sent for cleaning, repair and maintenance.  The Tenderer must provide an inventory of barcodes with each order delivered and hold a central database of all barcodes assigned to each order for each Participating Authority.  If providing cleaning, repair and maintenance services, the Tenderer must use the unique barcodes to enable both the Tenderer and the Authority to track the garments throughout each stage of the respective service provision.  This information must therefore be accessible to both the Tenderer and Participating Authority throughout the life of each call-off arrangement. | The Tenderer must provide relevant evidence to demonstrate how the requirement shall be met, and shall include product information of the barcoding system that shall be used to meet the requirement. | M |  |  |
| **Personal Flotation Device, buoyancy aid (Level 70-90) - Additional Documentation** | | | | | |
| C1 | The Tenderer shall provide all relevant user documentation and manuals that details how the item is:   1. Safely used and adjusted (if necessary) 2. Maintained, including repair if relevant 3. Cleaned   All of these to be published in English. | Evidence from Tenderer shall constitute:  User documents that come with the product detailing all the requirements (1, 2 and 3 as listed) in English on company headed or branded paperwork. | M |  |  |
| **Personal Flotation Device, buoyancy aid (Level 70-90) - Optional Fire Service Requirement** | | | | | |
| D1 | No optional requirement |  | M |  |  |

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| **Requirement Reference Number** | **Requirement** | **Response Criteria** | **Mandatory**  **(M)** | **Tenderer Statement:**    **Pass/Fail** | **File Reference of Supporting Evidence**  **(e.g. document title and page number)** |
| **LOT 8 - WATER RESCUE ENSEMBLE** | | | | | |
| **Water rescue tidal/marine helmets** | | | | | |
| A1 | **Tidal/Marine helmet**  Conforms to PAS 028:2002 Marine safety helmet | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| A2 | Visors shall conform to EN166 | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| A3 | **Compatibility**  Compatible with the use of 275N Lifejackets, 275N SoLAS lifejackets and 70-90N buoyancy aids.  Ensemble Conforming to ISO/TS 11999-2:   * Section 4.2, Minimum requirement of compatibility * Section 4.3.2, Compatibility for helmet/hood/jacket   NB. Although not entirely relevant to water rescue ensembles the general principles of compatibility should be tested. | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. |  |  |  |

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| **Water rescue tidal/marine helmets – General requirements** | | | | | |
| B1 | Be constructed of Lightweight high impact ABS or equivalent outer shell | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet is constructed of a lightweight high impact ABS or equivalent outer shell | M |  |  |
| B2 | Have ventilation holes with covers as standard | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet has ventilation holes with covers | M |  |  |
| B3 | Have 4-point chinstrap for secure fit | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet has a 4-point chinstrap | M |  |  |
| B4 | Have reflective tape fitted to make the helmet visible from all angles | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet has attached reflective tape | M |  |  |
| B5 | Full and half face Marine visors shall be available to fit helmet | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet has full and half face marine visor options | M |  |  |
| B6 | Have the word FIRE printed in reflective red on both sides of helmet for white and yellow helmets and yellow for red helmets, wording will be of a suitable size that it clearly identifies fire and rescue personnel at rescue scenarios. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet has required wording printed in red reflective material on both sides of the helmet | M |  |  |
| B7 | Have internal label for wearers identification name and number | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet has internal label | M |  |  |
| B8 | Helmets must be available in the choice of the following 3 colours; red or white or yellow | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet is available in the three required colours | M |  |  |
| B9 | To be fully adjustable to fit all head circumferences sizes between 52cm to 64cm inclusive. | Evidence from Tenderer shall constitute:   * Detailed Product specification * The actual sizing chart to be offered via the Framework that evidences the entire range of sizes required | M |  |  |
| B10 | Each garment will need to be uniquely barcoded in order that the Authority is able to track each garment, particularly if a garment is sent for cleaning, repair and maintenance.  The Tenderer must provide an inventory of barcodes with each order delivered and hold a central database of all barcodes assigned to each order for each Participating Authority.  If providing cleaning, repair and maintenance services, the Tenderer must use the unique barcodes to enable both the Tenderer and the Authority to track the garments throughout each stage of the respective service provision.  This information must therefore be accessible to both the Tenderer and Participating Authority throughout the life of each call-off arrangement. | The Tenderer must provide relevant evidence to demonstrate how the requirement shall be met, and shall include product information of the barcoding system that shall be used to meet the requirement. | M |  |  |
| B11 | Helmet to be provided with a suitable storage bag with Identification pocket for easy identification of helmet size | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet is provided with a storage bag with an identification pocket | M |  |  |
| **Water rescue tidal/marine helmets - Additional Documentation** | | | | | |
| C1 | The Tenderer shall provide all relevant user documentation and manuals that details how the item is:   1. Safely used and adjusted (if necessary) 2. Maintained, including repair if relevant 3. Cleaned   All of these to be published in English. | Evidence from Tenderer shall constitute:  User documents that come with the product detailing all the requirements (1, 2 and 3 as listed) in English on company headed or branded paperwork. | M |  |  |
| **Water rescue tidal/marine helmets - Optional Fire Service Requirement** | | | | | |
| D1 | No optional requirements |  | M |  |  |

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| **Requirement Reference Number** | **Requirement** | **Response Criteria** | **Mandatory**  **(M)** | **Tenderer Statement:**    **Pass/Fail** | **File Reference of Supporting Evidence**  **(e.g. document title and page number)** |
| **LOT 8 - WATER RESCUE ENSEMBLE** | | | | | |
| **Water safety helmets** | | | | | |
| A1 | **Water safety helmet**  Helmet must conform to BS EN 1385 | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| A2 | **Compatibility**  Compatible with the use of 275N Lifejackets, 275N SoLAS lifejackets and 75n Personal Flotation Devices.  Ensemble Conforming to ISO/TS 11999-2:   * Section 4.2, Minimum requirement of compatibility * Section 4.3.2, Compatibility for helmet/hood/jacket   NB. Although not entirely relevant to water rescue ensembles the general principles of compatibility should be tested. | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. |  |  |  |
| **Water Safety helmets – General requirements** | | | | | |
| B1 | Be constructed of a high impact thermoplastic or similar material outer shell. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet is constructed of high impact thermoplastic or similar material | M |  |  |
| B2 | Have a closed cell EVA Foam or similar internal lining. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet has closed cell EVA foam or similar lining | M |  |  |

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| B3 | Have side impact protection for the ears. Vents shall be provided to maintain wearer hearing. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet has side impact protection with vents to allow hearing | M |  |  |
| B4 | Have internal rear adjustment to allow a close fit. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet has a rear adjustment system | M |  |  |
| B5 | Be fitted with an adjustable chinstrap with quick release buckle | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet has an adjustable chinstrap with quick release buckle | M |  |  |
| B6 | Have reflective tape fitted to make the helmet visible from all angles | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet has reflective tape attached | M |  |  |
| B7 | Have the word FIRE printed in reflective red on both sides of helmet for white and yellow helmets and yellow for red helmets, wording will be of a suitable size that it clearly identifies fire and rescue personnel at rescue scenarios. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmets have the required wording in the colour combinations detailed | M |  |  |
| B8 | Shall be suitably designed to easily and securely fit a head torch | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet has an easy and secure head torch attachment | M |  |  |
| B9 | Have internal label for wearers identification name and number | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet has an internal label for identification | M |  |  |
| B10 | To be fully adjustable to fit all head circumferences sizes between 52cm to 64cm inclusive. | Evidence from Tenderer shall constitute:   * Detailed Product specification * The actual sizing chart to be offered via the Framework that evidences the entire range of sizes required | M |  |  |
| B12 | Each garment will need to be uniquely barcoded in order that the Authority is able to track each garment, particularly if a garment is sent for cleaning, repair and maintenance.  The Tenderer must provide an inventory of barcodes with each order delivered and hold a central database of all barcodes assigned to each order for each Participating Authority.  If providing cleaning, repair and maintenance services, the Tenderer must use the unique barcodes to enable both the Tenderer and the Authority to track the garments throughout each stage of the respective service provision.  This information must therefore be accessible to both the Tenderer and Participating Authority throughout the life of each call-off arrangement. | The Tenderer must provide relevant evidence to demonstrate how the requirement shall be met, and shall include product information of the barcoding system that shall be used to meet the requirement. | M |  |  |
| B13 | Helmets must be available in the choice of the following 3 colours; red or white or yellow | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet is available in all 3 colour options |  |  |  |
| **Water safety helmets - Additional Documentation** | | | | | |
| C1 | The Tenderer shall provide all relevant user documentation and manuals that details how the item is:   1. Safely used and adjusted (if necessary) 2. Maintained, including repair if relevant 3. Cleaned   All of these to be published in English. | Evidence from Tenderer shall constitute:  User documents that come with the product detailing all the requirements (1, 2 and 3 as listed) in English on company headed or branded paperwork. | M |  |  |
| **Water safety helmets - Optional Fire Service Requirement** | | | | | |
| D1 | No optional requirements |  | M |  |  |

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| **Requirement Reference Number** | **Requirement** | **Response Criteria** | **Mandatory**  **(M)** | **Tenderer Statement:**    **Pass/Fail** | **File Reference of Supporting Evidence**  **(e.g. document title and page number)** |
| **LOT 8 - WATER RESCUE ENSEMBLE** | | | | | |
| **Water rescue skull cap** | | | | | |
| A1 | **Skull Cap**  The skull cap must have the following attributes:   * Over ear coverage * At least 2mm neoprene * Quick dry lining | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that helmet has the following attributes:  1. Over ear coverage 2. At least 2mm neoprene 3. Quick dry lining | M |  |  |
| A2 | **Compatibility**  The item must be compatible with both types of water rescue helmets.  Ensemble Conforming to ISO/TS 11999-2:   * Section 4.2, Minimum requirement of compatibility * Section 4.3.2, Compatibility for helmet/hood/jacket interfaces   NB. Although not entirely relevant to water rescue ensembles the general principles of compatibility should be tested. | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| **Water rescue skull cap - General Requirements** | | | | | |
| B1 | Generic adjustable size to fit all adult head sizes  To include a facility to provide ‘made to measure’ for wearers that fall outside standard size ranges. Please refer to 5. Sizing and Special Requirements in Stage 1: Pass / Fail Evaluation Questions at within the ITT. | Evidence from Tenderer shall constitute:   * Detailed Product specification | M |  |  |

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| B2 | Each garment will need to be uniquely barcoded in order that the Authority is able to track each garment, particularly if a garment is sent for cleaning, repair and maintenance.  The Tenderer must provide an inventory of barcodes with each order delivered and hold a central database of all barcodes assigned to each order for each Participating Authority.  If providing cleaning, repair and maintenance services, the Tenderer must use the unique barcodes to enable both the Tenderer and the Authority to track the garments throughout each stage of the respective service provision.  This information must therefore be accessible to both the Tenderer and Participating Authority throughout the life of each call-off arrangement. | The Tenderer must provide relevant evidence to demonstrate how the requirement shall be met, and shall include product information of the barcoding system that shall be used to meet the requirement. | M |  |  |
| **Water rescue skull cap - Additional Documentation** | | | | | |
| C1 | The Tenderer shall provide all relevant user documentation and manuals that details how the item is:   1. Safely used and adjusted (if necessary) 2. Maintained, including repair if relevant 3. Cleaned   All of these to be published in English. | Evidence from Tenderer shall constitute:  User documents that come with the product detailing all the requirements (1, 2 and 3 as listed) in English on company headed or branded paperwork. | M |  |  |
| **Water rescue skull cap - Optional Fire Service Requirement** | | | | | |
| D1 | No Optional requirement |  | M |  |  |

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| **Requirement Reference Number** | **Requirement** | **Response Criteria** | **Mandatory**  **(M)** | **Tenderer Statement:**    **Pass/Fail** | **File Reference of Supporting Evidence**  **(e.g. document title and page number)** |
| **LOT 8 - WATER RESCUE ENSEMBLE** | | | | | |
| **Water rescue thermal protection suit** | | | | | |
| A1 | **Thermal under suit**  The item must conform to BS 4745:2005, TOG rating 3 | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| A2 | **Compatibility**  Ensemble Conforming to ISO/TS 11999-2:   * Section 4.2, Minimum requirement of compatibility * Section 4.3.2, Compatibility for helmet/hood/jacket interfaces * Section 4.3.3, Compatibility for glove/jacket interfaces * Section 4.3.5, Compatibility for footwear/trouser interfaces   NB. Although not entirely relevant to water rescue ensembles the general principles of compatibility should be tested. | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| **Water rescue thermal protection suit - General Requirements** | | | | | |
| B1 | Be available in all sizes from XS to XXXL  To include a facility to provide ‘made to measure’ for wearers that fall outside standard size ranges. Please refer to 5. Sizing and Special Requirements in Stage 1: Pass / Fail Evaluation Questions at within the ITT. | Evidence from Tenderer shall constitute:   * Detailed Product specification * The actual sizing chart to be offered via the Framework that evidences the entire range of sizes required | M |  |  |
| B2 | Item must be a one piece breathable design, with suitable closure system (see B4) | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that the thermal under suit is of a breathable one piece design with a suitable closure system | M |  |  |
| B3 | Manufactured from a thermal fleece fabric or similar performing material | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that the thermal under suit is made from thermal fleece material or equivalent | M |  |  |
| B4 | Fitted with 2 way front full length zip. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that the thermal under suit is fitted with a 2-way front full length zip | M |  |  |
| B5 | Have foot stirrups on base of legs | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that the thermal under suit has foot stirrup at the base of each leg | M |  |  |
| B6 | Sleeves fitted with elasticated thump loops. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that the thermal under suit has elasticated thumb loop at the end of each arm | M |  |  |
| B7 | Have internal label for wearer’s identification name and number. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that the thermal under suit has an internal label for identification | M |  |  |
| B8 | Each garment will need to be uniquely barcoded in order that the Authority is able to track each garment, particularly if a garment is sent for cleaning, repair and maintenance.  The Tenderer must provide an inventory of barcodes with each order delivered and hold a central database of all barcodes assigned to each order for each Participating Authority.  If providing cleaning, repair and maintenance services, the Tenderer must use the unique barcodes to enable both the Tenderer and the Authority to track the garments throughout each stage of the respective service provision.  This information must therefore be accessible to both the Tenderer and Participating Authority throughout the life of each call-off arrangement. | The Tenderer must provide relevant evidence to demonstrate how the requirement shall be met, and shall include product information of the barcoding system that shall be used to meet the requirement. | M |  |  |

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| **Water rescue thermal protection suit - Additional Documentation** | | | | | |
| C1 | The Tenderer shall provide all relevant user documentation and manuals that details how the item is:   1. Safely used and adjusted (if necessary) 2. Maintained, including repair if relevant 3. Cleaned   All of these to be published in English. | Evidence from Tenderer shall constitute:  User documents that come with the product detailing all the requirements (1, 2 and 3 as listed) in English on company headed or branded paperwork. | M |  |  |
| **Water rescue thermal protection suit - Optional Fire Service Requirement** | | | | | |
| D1 | No optional requirement |  | M |  |  |

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| **Requirement Reference Number** | **Requirement** | **Response Criteria** | **Mandatory**  **(M)** | **Tenderer Statement:**    **Pass/Fail** | **File Reference of Supporting Evidence**  **(e.g. document title and page number)** |
| **LOT 8 - WATER RESCUE ENSEMBLE** | | | | | |
| **Water rescue glove – general requirements** | | | | | |
| A1 | **Glove**  Item must be constructed from a Stretch Neoprene 3mm to 7mm thick or equivalent textile. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that glove is made of stretch neoprene between 3mm-7mm or equivalent textile | M |  |  |
| A2 | Item must have textured fabric palms & fingers for wet grip | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that glove has a textured palm and fingers for wet grip | M |  |  |
| A3 | Item must have soft lining | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that glove has soft lining to the inside of the glove | M |  |  |
| A4 | Item must be constructed without internal stitched seams | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that glove does not have internal stitched seams | M |  |  |
| A5 | Glove to incorporate a wrist strap with hook and loop fastening or other means of creating a water tight seal. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that glove has a water tight wrist strap | M |  |  |
| A6 | Extended shaped cuff pattern to make donning and doffing easier | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that glove has extended cuff for easier donning and doffing | M |  |  |
| A7 | Be available in all sizes from XS to XXL inclusive (sizes 6-11).  To include a facility to provide ‘made to measure’ for wearers that fall outside standard size ranges. Please refer to 5. Sizing and Special Requirements in Stage 1: Pass / Fail Evaluation Questions at within the ITT. | Evidence from Tenderer shall constitute:   * Detailed Product specification * The actual sizing chart to be offered via the Framework that evidences the entire range of sizes required | M |  |  |

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| A8 | Each garment will need to be uniquely barcoded in order that the Authority is able to track each garment, particularly if a garment is sent for cleaning, repair and maintenance.  The Tenderer must provide an inventory of barcodes with each order delivered and hold a central database of all barcodes assigned to each order for each Participating Authority.  If providing cleaning, repair and maintenance services, the Tenderer must use the unique barcodes to enable both the Tenderer and the Authority to track the garments throughout each stage of the respective service provision.  This information must therefore be accessible to both the Tenderer and Participating Authority throughout the life of each call-off arrangement. | The Tenderer must provide relevant evidence to demonstrate how the requirement shall be met, and shall include product information of the barcoding system that shall be used to meet the requirement. | M |  |  |
| A9 | **Compatibility**  Ensemble Conforming to ISO/TS 11999-2:   * Section 4.2, Minimum requirement of compatibility * Section 4.3.3, Compatibility for glove/jacket interfaces   NB. Although not entirely relevant to water rescue ensembles the general principles of compatibility should be tested. | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| A10 | Suitable storage bag for the secure stowage of both wet and dry gloves | Evidence from Tenderer shall constitute:   * Detailed Product specification of the storage bag * Tenderer to provide confirmation that glove has a secure storage bag for use with both wet and dry gloves | M |  |  |
| **Water rescue gloves- Additional Documentation** | | | | | |
| C1 | The Tenderer shall provide all relevant user documentation and manuals that details how the item is:   1. Safely used and adjusted (if necessary) 2. Maintained, including repair if relevant 3. Cleaned   All of these to be published in English. | Evidence from Tenderer shall constitute:  User documents that come with the product detailing all the requirements (1, 2 and 3 as listed) in English on company headed or branded paperwork. | M |  |  |
| **Water rescue gloves - Optional Fire Service Requirement** | | | | | |
| D1 | No optional requirement |  | M |  |  |

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| **Requirement Reference Number** | **Requirement** | **Response Criteria** | **Mandatory**  **(M)** | **Tenderer Statement:**    **Pass/Fail** | **File Reference of Supporting Evidence**  **(e.g. document title and page number)** |
| **LOT 8 - WATER RESCUE ENSEMBLE** | | | | | |
| **Water Rescue boots** | | | | | |
| A1 | **Ankle Boots**  Compliant to BS EN ISO 20347:2012 | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or; 2. A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline. 3. Detailed Product specification. | M |  |  |
| A2 | **Compatibility**  Ensemble Conforming to ISO/TS 11999-2:   * Section 4.2, Minimum requirement of compatibility * Section 4.3.5, Compatibility for footwear/trouser interfaces   NB. Although not entirely relevant to water rescue ensembles the general principles of compatibility should be tested. | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| A3 | **Slip Resistance**  Compliant to BS EN ISO 20347:2011, marked SRC | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |

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| A4 | **Penetration resistance**  Compliant to BS EN ISO 20344:2011, marked P | Evidence from Tenderer shall constitute:   1. Independent Certification from test laboratories that are accredited to their respective National Accreditation Service, The National Accreditation Service must be members of either EA or ILAC and comply with ISO/IEC 17011:2017. Validity of Certification must be 6 months or more prior to date of expiry, or;   A signed letter on official letterhead from the relevant test house stating that work to complete the required certification has been commissioned and certification will be achieved before the required deadline.   1. Detailed Product specification. | M |  |  |
| A5 | **Quick Release**  To have a quick release closure system that eliminates entanglement as far as reasonably practical | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that boots have a quick release closure system | M |  |  |
| **Water rescue boots - General Requirements** | | | | | |
| B1 | To be available in all sizes between 3 to 13.  To include a facility to provide ‘made to measure’ for wearers that fall outside standard size ranges. Please refer to 5. Sizing and Special Requirements in Stage 1: Pass / Fail Evaluation Questions at within the ITT. | Evidence from Tenderer shall constitute:   * Detailed Product specification * The actual sizing chart to be offered via the Framework that evidences the entire range of sizes required | M |  |  |
| B2 | Each garment will need to be uniquely barcoded in order that the Authority is able to track each garment, particularly if a garment is sent for cleaning, repair and maintenance.  The Tenderer must provide an inventory of barcodes with each order delivered and hold a central database of all barcodes assigned to each order for each Participating Authority.  If providing cleaning, repair and maintenance services, the Tenderer must use the unique barcodes to enable both the Tenderer and the Authority to track the garments throughout each stage of the respective service provision.  This information must therefore be accessible to both the Tenderer and Participating Authority throughout the life of each call-off arrangement. | The Tenderer must provide relevant evidence to demonstrate how the requirement shall be met, and shall include product information of the barcoding system that shall be used to meet the requirement. | M |  |  |
| B3 | Be manufactured from synthetic breathable material suitable for use within a water environment. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that boots are suitable for the water environment | M |  |  |

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| B4 | Have a sole to provide maximum traction while in a water environment. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that boots have a sole that provides maximum traction in the water environment | M |  |  |
| B5 | Have a lightweight composite toecap and midsole. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that boots have a composite toecap and midsole | M |  |  |
| B6 | Have a drainage system to allow easy escape of water. | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that boots have a drainage system for the draining of water | M |  |  |
| B7 | Have internal label for wearers identification name and number | Evidence from Tenderer shall constitute:   * Detailed Product specification * Tenderer to provide confirmation that boots have an internal label for identification | M |  |  |
| **Water rescue boots - Additional Documentation** | | | | | |
| C1 | The Tenderer shall provide all relevant user documentation and manuals that details how the item is:   1. Safely used and adjusted (if necessary) 2. Maintained, including repair if relevant 3. Cleaned   All of these to be published in English. | Evidence from Tenderer shall constitute:  User documents that come with the product detailing all the requirements (1, 2 and 3 as listed) in English on company headed or branded paperwork. | M |  |  |
| **Water rescue boots - Optional Fire Service Requirement** | | | | | |
| D1 | No optional requirement |  | N/A |  |  |