

## **Annex 3 – Products technical specifications.**

### **Item #1: Anti-bacterial decontamination spray for PPE**

- Bioguard Disinfectant Trigger Spray or equivalent
- Volume: 500ml
- A non-hazardous and alcohol free solution, supplied in a ready to use or concentrated liquid solution, for use in both high and low risk environments where infection control is necessary.
- Tested to British and European Standards BSEN1276.
- Effective against many viruses, bacteria, mycobacterium and spores.
- Non-Hazardous
- Conforms to the latest health and safety legislations.
- Usable On Virtually All Surfaces
- Environmentally Friendly
- Proven by independent audits to be non-toxic, biodegradable and non-accumulative in the eco-system.
- No special procedures are required for product disposal or spillage.
- Kind To Skin: Formulated to prevent skin damage, irritation or unusual sensitivity.

*Illustrative picture:*



### **Item #2: Anti-bacterial face & hand wipes**

- Clinell AntiBacterial Hand Wipes or equivalent
- Pack of 200
- Kills at least 99.999% of all germs including MRSA
- Rapidly disinfect the users hands without needing soap and water
- Kind to skin: dermatologically tested to ensure they are non-hazardous to skin and are also alcohol free
- Contains Moisturisers
- Comply with European Standard Tests EN1276. EN12054 and EN1500

*Illustrative picture:*



### **Item #3: Bouyancy aid, cowstail**

- WRS Cowstail or equivalent
- Reduced length to reduce snag hazard and fit the form of the user
- Elasticated
- Tough tubular webbing
- 316 Stainless steel ring
- Load bearing bar tacked construction
- Easy visible red colour (does not include karabiner)
- 38cm Relaxed
- 50cm when fully stretched

Illustrative picture:



### **Item #4a, 4b, 4c: Buoyancy aid (extra extra large, red & large/extra large, red, small/medium, red)**

- WRS Rescue Personal flotation device (PFD) or equivalent with similar features and to the same standards EN ISO 12402-5,6 / 90N Minimum uplift for small medium and 100N for larger sizes
- Colour: red
- Has two front panels, each connected to the rear PFD panel with a shoulder strap, side panel, side straps and waist strap
- Fitting adjustment with the easy to use 40mm shoulder and side straps, along with 25mm waist straps
- Removable leg loops
- ISO Approved
- MAX LIFE SPAN : 10 years
- Whistle Clip - Close at hand shoulder whistle clip.
- Cowstail Park - Left and right handed split D rings for cowstails attachments.
- Knife Pocket - Horizontal zip, easy access knife pocket with gear clip. Durable metal zip slider.
- Radio Pocket - Huge 3D pocket suitable for a radio, with plastic gear clip and durable metal zip slider.
- Gloves Pocket - 3D pocket specific for gloves, with plastic gear clip & durable metal zip slider.
- Gear Pocket - Huge 3D pocket suitable for safety gear, with plastic gear clip & durable metal zip slider.
- Rear ID Panel - Velcro loop panel for team ID badges.
- Front Role Panel - Velcro loop panel for ID or role badges.
- Glowstick - Shoulder mounted plastic gear clip, with elastic loop to house a glowstick.
- Lash Tab - Rear positioned sewn tab for light beacon attachment.

- Harness - Adjustable length harness for super quick and safe releasing when needed most.
- Leg Loops - Slim line, removable, adjustable loops to aid a better fitting PFD.

*Illustrative picture:*



**Item #5: Bump Hat EN 812:2012 -40°C**

- Centurion CoolCap or equivalent
- a three-panel design with large ventilation panels to improve airflow and reduce the build-up of heat
- Shell manufactured from acrylonitrile butadiene styrene (ABS) to provide lightweight protection
- Removable foam inserts absorb 45% more impact
- Foam sweatband incorporated into headband
- Suitable for embroidery or transfer print to form part of your corporate clothing issue
- Full peak: 50mm
- Baseball cap cover made from fully machine-washable cotton
- Weight: 150g
- EN 812:2012 -40°C
- Primary Base Colour: Hi-vis orange
- Helmet & bump cap adjustment: Strap
- Helmet & cap material: ABS

*Illustrative picture:*



**Item #6: Bump Helmet EN 397:2012 440V AC, MM, -10°C**

- Arco Champion Orange Safety Helmet or equivalent
- 30mm Euro slots allowing the addition of ear defenders and other PPE
- High-density polyethylene (HDPE) shell
- Six-point LDPE cradle to keep helmet in place on the head
- Provides electrical insulation up to 440V
- Resistant to molten metal splash
- Built to withstand -10°C
- Full peak (40mm)
- Size: 51-63cm
- Weight: 375g
- EN 397:2012 440V AC, MM, -10°C
- Primary Base Colour: Orange

Illustrative picture:



**Item #7: Cold weather Hat**

- Regatta Thinsulate Black Beanie Hat or equivalent
- Features a 3M Thinsulate lining keeps your head warm
- PFC-free
- Knitted acrylic outer
- Colour: black
- Insulated
- Material: Acrylic
- Gender: Unisex
- Size: One Size

Illustrative picture:



### **Item #8: Hi-Vis Orange Backpack**

- Arco Hi-Vis Orange Backpack or equivalent
- Multiple compartments
- Brightly coloured rucksack
- Strong polyester construction with a padded back and straps
- Minimum three individual compartments with zips
- Includes two side pockets provide additional secure storage
- Luggage label included
- Dimensions: 440mm (L) x 190mm (W) x 460mm (D)

*Illustrative picture:*



### **Item #9a, 9b, 9c, 9d: Dry suit (M, L, XL, XXL)**

- Aggressor dry suit or equivalent with similar features
- 3 Layer breathable fabric
- Large front entry YKK chest zipper
- Twin Latex and adjustable over cuffs, and neck seals
- Articulated padded knees
- Tough nylon fabric on seat area
- Internal adjustable braces
- Integrated latex dry sock
- Reflective SOLAS tape on cuffs
- Articulated arms
- Convenience zipper
- Smart phone pocket on arm and chest.

Illustrative picture:



**Item #10: Ear plugs, EN352, with neck cord, box 200**

- Foam Earplugs with a flexible connecting cord to save unnecessarily losing earplugs
- Dispenser box of 200 individually wrapped pairs
- SNR = 37dB - maximum protection rating
- Tested and CE Approved to BS EN352-2:2002

Illustrative picture:



**Item #11: FFP1 Dust Mask (Pack of 20)**

- Arco Premium Fold-Flat FFP1 mask or equivalent
- Premium fold-flat disposable respirator
- Protects against low-level dusts and oil- and water-based mists
- Preformed nose clip removes need for regular adjustment
- Low profile helps increase the field of vision
- Colour-coded to denote P1 particulate protection
- Fully adjustable head strap provides excellent comfortable fit
- Low breathing resistance for extra comfort
- Mesh shell retains shape for durability

- Non-metallic, ideal for metal-free areas
- Latex-free to reduce risk to associated allergies
- Individually bagged for hygiene
- Maximum usage level up to four times the workplace exposure limit (WEL)

Illustrative picture:



### **Item #12: Fall arrest lanyard**

- Petzl Absorbica Y MGO European version or equivalent features and standards (Certification(s): CE EN 355 when used with EN 362, UKCA, EAC connector (maximum certified mass: 100 kg))
- Pre-installed MGO connectors
- For users weighing between 50kg to 130kg
- Progressive tearing of the energy absorber reduces the impact forces for lighter users
- 80cm version has rope lanyard arms. Complete length 130cm
- 150cm Flex version has elasticized webbing lanyard arms. Complete length 200cm
- Integrated compact energy absorber
- Fabric pouch protects the energy absorber and aids easy inspection
- The aluminum MGO's have 63mm gate opening and 23kN strength on the major axis

Illustrative picture:



**Item #13a, 13b, 13c, 13d, 13e: Gloves, Palm Pro Water Search and Rescue Gloves (S, M, L, XL, XXL)**

- Palm Pro Water Search and Rescue Gloves or equivalent
- Materials: 2 mm titanium neoprene Armotex reinforced palms
- Waterproof, glued and blindstitched seams
- Weight: 78 g (L)
- Construction: Front stitched seams
- Cuffs: Velcro adjustable cuff and volume regulation.
- Amara leather or equivalent reinforced back of the hand
- Grippy finger tips
- Cuff pull tab
- Armortex neoprene

*Illustrative picture:*



**Item #14a, 14b, 14c, 14d: Gloves, abseil (extra-large, large, medium, small)**

- Petzl CORDEX Lightweight gloves or equivalent
- Reinforced carabiner hole for attaching the gloves
- Double layer of leather in high-wear areas: fingertips, palm, between thumb and index finger.
- Back made of breathable stretch nylon for excellent fit and ventilation.
- Neoprene cuff with Velcro closure.
- Karabiner hole to attach gloves to harness.

**Item #15: Multi-purpose helmet**

- WRS - Technical rescue helmet or equivalent with similar features and to the same standards (EN 12492:2012 - helmet for Mountaineers)
- EN 1385:2012 - Swift Water
- EN 16473:2014 - Fire Fighter Technical Rescue Helmet
- EN 16471: 2014 - Helmets for wildland fire fighting
- PAS - 028\* (except clause 5.5 mass <700g)
- EN 166 - Personal Eye Protection
- EN 14458:2004\* (Full face)
- PAS - 028: 2002\* (except clause 5.5 mass <700g) - Marine Safety Helmet)
- Colour red
- Multi-purpose helmet - Work at Height, Water Rescue, Technical Rescue
- Adjustable cradle
- Large adjusters and clips for ease of use with gloves



- Internal goggles
- Low Temperature classification: -20 Degrees Celsius
- Ventilated shell for comfort and safety
- Side mounting for accessories
- Google/ Head torch band clamp
- Reflective markings
- Velcro pads for Lighting options
- Replaceable head and head band padding

Illustrative picture:



#### **Item #16: Helmet light**

- Headlamp PETZL PIXA 3R or equivalent
- Resistance to drops (2m), shock and crushing (80kg)
- 3 lighting levels: lighting at 15m for 11.5h (20 lum) + lighting at 45m for 5h (55 lum) + illumination at 90m for 3.5h (90 lum)
- Adjustable light source
- Waterproof at -1m for 30min.
- Supplied with the integrated rechargeable lithium-ion polymer battery and a charging station (3h) - 145g.

Illustrative picture:



#### **Item #17: Helmet light adaptor (compatible with items #15 and #16)**

- Kit for the installation of a headlamp on a helmet - it remains possible to turn the lamp - compatible with a visor.
- Compatible with items #15 and #16

Illustrative picture:



### **Item #18: Helmet, red, with reflective stickers**

- Firefighter helmet F2 X-TREM or equivalent with similar features and to the same standards (CE marking:  
To EC Directive 89/686/on Personal Protective Equipment  
Mechanical requirements:
  - [EN16471 – Wildland fire helmet & EN16473 – Technical Rescue helmet](#)
  - [EN12492 – Mountain Climbing](#))
- Multifunctional and advanced protection helmet for various applications : forest fires and rescue missions, high level industrial protection, hazardous environment protection, traffic rescue protection
- Non vented, and dialectical insulated, the helmet responds to the EN397 standard and can be used in all industrial environments to protect against shock and sharp falling objects, as well as against chemical risks.
- High resistance, high temperature thermoplastic shell with polyurethane paint, to provide optimal shock and penetration performance.
- Retention system with 3 point high comfort chinstrap including chincup, and several adjustment points for optimized stability whatever head size and morphology of the wearer.
- Attachment points for additional equipment used in various types of operations: ear protection, face protection (mesh visor or polycarbonate clear screen), high performance lamps, full face mask.
- Retroreflective stickers to increase visibility in tough conditions
- High performance goggles for specific eye protection against fumes, dust and high speed particles (EN166 compliance).

*Illustrative picture:*



**Item #19: Knee pads**

- Site Optimus Gel knee pads or equivalent
- Anti-Marking & Anti-Slip
- Air Vented Protective Padding
- Adjustable Straps
- Extra Wide Neoprene Strap
- Elastic Strap with Hook & Loop Fastener

*Illustrative picture:*



**Item #20: Palm Folding Knife**

- 70 mm locking blade, serrated rope-cutting edge and a safely rounded tip
- fits neatly in a PFD knife pocket
- Materials: Glass fibre injected nylon, stainless steel
- Blade: Highly corrosion resistant

Illustrative picture:



**Item #21a, #21b and #21c: Large drybags**

21a: black

21b: green

21c: red

- Seat to Summit or equivalent
- Size: 13l
- The body of the dry bag is waterproof (10,000 mm hydrostatic head) - in situations where the dry sack will not be submerged
- Lightweight 70D Nylon with fully taped seams
- Polyurethane coating with white interior for better visibility
- Waterproof hypalon roll-top closure does not wick moisture
- D-ring attachment point at the buckle
- Features the patent-pending, 5/8 inch (15mm) Field Repair Buckle with stainless steel pins

Illustrative picture:



**Item #22a, 22b, 22c, 22d, 22e, 22f, 22g: Overalls, orange hi-viz, launderable**

22a: 2XL

22b: 3XL

22c: 4XL

22d: L

22e: M

22f: S

22g: XL

- Pulsar PR339 or equivalent
- Hi-viz workwear overalls
- Crafted from durable Teflon-coated 275g/m<sup>2</sup> fabric (80% polyester, 20% cotton)
- Meets RIS-3279-TOM (previously known as GO-RT 3279) standards

- Triple-stitched inseam and double-stitched throughout with added bar tacking for strength
- Two-way zip front fastening with concealed studded storm flap
- Kneepad pockets
- Pocket flaps have reflective piping for added visibility
- Two lower hip pockets and trouser access slits plus hook-and-loop-sealed chest pockets, rear patch pocket and bellowed combat-style thigh pockets for ultimate storage
- Elasticated waistband at back allows for a more comfortable fit
- Elasticated adjustable cuffs for precise fitting

Illustrative picture:



**Item #23a, 23b, 23c: Rope access harness**

23a: size 0

23b: size 1

23c: size 2

- Petzl Astro Bod Fast Harness or equivalent with similar features and to the same standards (CE EN 361, CE EN 358, CE EN 813, CE EN 12841 type B, UKCA, EAC)
- Integrated Petzl Croll L
- Petzl's ingenious ventral attachment point
- Fast LT automatic buckles on the leg loops
- Double-back Plus adjustment buckles on the shoulder straps and waistbelt
- Double-back buckles on the leg loop-waistbelt linking straps and rear dorsal point adjustment webbing
- 2 Side work positioning points with plastic inserts
- Breathable foam padding in the waistbelt and legloops
- Elastic keepers for straps
- 1 rear restraint point
- 6 gear loops
- 2 Toolbag bag attachments
- 2 Caritool points
- Velcro keeper for your Petzl Asap'sorber (40cm) or Asap'sorber Axxess energy absorber

Illustrative picture:



**Item #24a, 24b: Rope bag**

24a: 20/24L (Orange), approx 50m rope, 62cm high x 25cm diameter

24b: 25/32L (Yellow), approx 100m rope, 68cm high x 35cm diameter.

Abaris Hi-Visibility Rescue Bag or equivalent

Rucksack straps for easy carrying.

2 Side carry handles.

1 Haul loop.

Colour Hi-Viz Orange.

Rolltop closure.

Round Base.

Rescue Badge.

Clear front pocket to store documentation

Illustrative picture:



### **Item #25a-25l: Safety boots**

25a: 3  
25b: 4  
25c: 5  
25d: 6  
25e: 7  
25f: 8  
25g: 9  
25h: 10  
25i: 11  
25j: 12  
25k: 13  
25l: 14

- Arco Essentials Black Waterproof S3 Safety Boots or equivalent
- Waterproof work boots with grain leather uppers
- Dual-density polyurethane (PU) soles
- Steel toecaps and penetration-resistant midsoles
- Energy-absorbing heels for comfort and support
- Outsoles are resistant to fuel oil
- Excellent slip resistance
- Antistatic
- Compliant with EN ISO 20345:2011 S3 FO
- Slip rating: SRC

Illustrative picture:



### **Item #26: Safety glasses**

- Arco Zephyr Safety Glasses with Clear Lenses or equivalent
- Clear, anti fog
- Compliant with EN166
- Inbuilt EVA foam seal for greater dust protection and comfort
- Extra-wide lens for great all-round vision
- Polycarbonate frame with three-step side arm adjustment for optimum fit
- Detachable elasticated strap included for a secure fit on the head
- Clear polycarbonate lenses with an optical class of 1
- Low-energy impact resistance

- Anti-scratch lens coating protects from surface damage

*Illustrative picture:*



**Item #27a, 27b, 27c, 27d: Skull cap/neoprene hood**

27a: Small

27b: Medium

27c: Large

27d: Extra Large

- Lomo Wetsuit Hood 5mm Hi Vis Yellow Hood or equivalent
- Designed for maximum surface visibility with their high vis colour scheme.
- 5mm Neoprene with high visibility outer.
- Suitable for diving, surfing, windsurfing, swimming and other cold water activities
- Ideal for wearing with a drysuit or other high neck.

*Illustrative picture:*



**Item 28: Sun protection cream, SPF50**

- Soltan Protect & Moisturise Lotion SPF50+
- Size: 200ml

**Item 29a-e: Undersuit**

29a: Small

29b: Medium

29c: Large

29d: XL

29e: XXL



- WRS Fleece Under Suit or equivalent
- Made from 300 gram high pile fleece offers excellent protection from cold water when used in combination with a dry suit.
- Double thick Knee Pads
- Fabric, 300 gram pre-pilled fleece
- Two way heavy duty nylon zip
- Seam, 3 thread overlock, warm and lightweight
- Neoprene anti wicking cuffs
- Single Chest pocket with hook and loop closure
- Diamond crotch

Illustrative picture:



**Item #30: Waterproof coat, orange, hi-viz**

- 30a: Men's, 2XL
- 32b: Men's, 3XL
- 30c: Men's, 4XL
- 30d: Men's, 5XL
- 30e: Men's, L
- 30f: Men's, M
- 30g: Men's, S
- 30h: Men's, XL
- 30i: Women's, 10
- 30j: Women's, 12
- 30k: Women's, 14
- 30l: Women's, 16
- 30m: Women's, 18
- 30n: Women's, 20
- 30o: Women's, 22
- 30p: Women's, 24
- 30r: Women's, 26
- 30s: Women's, 8

- PULSAR PR502 Orange Waterproof Hi-Vis Coat or equivalent
- 300-denier breathable PU-coated polyester
- Meets RIS-3279-TOM (previously known as GO-RT 3279) standards

- Two-way zip
- Multiple pockets ca including a water-repellent chest pocket, an internal A4 document compartment and external bellowed pockets with separate hand-warmer compartments
- Elasticated storm cuffs, underarm ventilation and a chin guard  
The micro fleece collar provides added warmth and comfort
- Can be washed up to 25 times at 40°C
- EN ISO 20471:2013 Class 3
- EN 343: 2003 +A1:2007 Class 1,3
- RIS-3279-TOM

Illustrative picture:



**Item #31: Waterproof trousers, breathable, orange, hi-viz**

- 31a: Men's 2XL
- 31b: Men's 3XL
- 31c: Men's 4XL
- 31d: Men's 5XL
- 31e: Men's, L
- 31f: Men's, M
- 31g: Men's, S
- 31h: Men's, XL
- 31i: Women's, 10
- 31j: Women's, 12
- 31k: Women's, 14
- 31l: Women's, 16
- 31m: Women's, 18
- 31n: Women's, 20
- 31o: Women's, 22
- 31p: Women's, 24
- 31r: Women's, 26
- 31s: Women's, 8

- PULSAR PR503 Orange Hi-Vis Overtrousers or equivalent
- Full length vertical stripes front and rear to show height in the wearer, increasing night time visibility
- Rear and thigh pockets with reflective piping on flaps.
- Elasticated waistband and draw cord for a more precise fit.

- Gusseted at hem of legs with waterproof zips for ease over work boots, as well as preventing excess dirt from jamming zips.
- Slit access hip pockets allow access to garments underneath.
- Class 3 waterproof and breathable 300 denier PU polyester outer fabric.

Illustrative picture:



### **Item #32: Whistle**

- Palm Fox 40 Micro Whistle or equivalent
- Three-chamber design with no moving parts can produce up to 110 decibels.
- Its sound can be heard well above man-made and environmental noise to attract attention in an emergency.
- Certification: ISO 12402-8
- Includes lanyard

Illustrative picture:



### **Item #33: Wire strop, galvanised, 1m**

- Lyon 7mm Stainless Steel Wire Anchor Strop
- Length: 1m
- The Breaking Load is 25kN.
- Conformity with CE EN795 Class B

Illustrative picture:



### **Items #34a, 34b: Work positioning lanyard**

34a: 20m

34b: 2m

- Petzl Grillon or equivalent with similar features and to the same standards (ANSI Z359.3, CSA Z259.11, CE EN 358, CE EN 12841 type C, EAC)
- Easy to use: the fine adjustment system allows length to be precisely adjusted for comfortable positioning at a work station
- Can be used in two ways:
  - double mode (on the harness side attachment points) when the user works with weight on his/her feet. This type of attachment ensures better load distribution on the belt. Length is adjusted by pressing on the pivoting cam
  - single mode, on the harness ventral attachment point, when the anchor is located above the user, so that the load is comfortably distributed between the belt and leg loops. Length is adjusted by operating the handle, while holding the free end of the lanyard
- Sewn terminations on both ends with plastic sheath to keep the connector in position and protect the rope from abrasion
- Protective sheath protects the rope from abrasive contact and enhances rope glide. This protection can be removed for single mode use, to bring the user closer to the anchor

Illustrative picture:



### **Item #35a-e: Chemical protection clothing**

35a: Small  
35b: Medium  
35c: Large  
35d: XL  
35e: XXL

- Dräger CPS 7900 or equivalent with similar features and to the same approvals:
  - EN 943
  - EN 1073-1 / EN 1073-2
  - EN 14126
  - EN 14593
  - EN 14594
  - SOLAS
  - ISO 16602
- Tailor-made for use under extreme conditions
- Gas-tight suit - provides excellent protection against industrial chemicals, biological agents, and other toxic substances.
- Equally suitable for work in explosive areas and for handling cryogenic substances
- SCBA worn inside the protective suit
- side zipper
- Suit material D-mex, reusable
- Developed to protect its wearer when handling toxic or hazardous materials
- Meets and exceeds the requirements of international standards of fire departments, search and rescue organizations, and industry for reusable protection suits.
- Possible to handle liquefied gases such as ammonia at a contact temperature of -80°C.

Illustrative picture:



### **Item #36: Debris Gloves**

36a: small  
36b: medium  
36c: large

36d: extra large

- Arco Thermogrip Latex-Coated Work Gloves or equivalent
- Pack of 12 Pairs
- Provides a sure grip in wet or dry conditions
- Crinkled latex coating on the palms offers a secure grip, even when wet
- High-visibility colouring
- Comfortable, seamless knitted acrylic liner
- Excellent resistance to tearing
- Compliant with EN 388

Illustrative picture:



**Items #37a-e: Boots, water rescue**

37a: UK6/EU39

37b: UK7/EU41

37c: UK8/EU42

37d: UK9/EU43

37e: UK10/EU44

- Orion Water Safety Boots or equivalent
- Synthetic leather and Neoprene upper
- Anti corrosion thread
- Nitrile Rubber sole for added grip on wet smooth surfaces
- Multi directional tread pattern for slippery terrain
- Boa Lace System for secure and quick fitting
- Fibreglass safety toe
- Formed cuff to reduce gravel ingress
- Drainage holes
- Oil resistant sole
- Bright colour for under water identification
- Reflective detail on tongue

- Certified: EN ISO 20345:2011 S1P SRC

*Illustrative picture:*



**Item #38: Pilot high visibility vest**

- EN471 compliant
- Fluorescent
- With added Emergency Services detail on both arms
- Printed "EMERGENCY SERVICE DRONE PILOT" in Ukrainian on the back and front

*Illustrative picture:*

