**Tender Reference: 714896451 for the Supply and Delivery of Extreme Cold Weather (ECW) Clothing and Equipment**

**Minimum Technical Specifications**

1. Unless otherwise stated, **all clothing** must withstand NATO C1 Climates (-21 to –31oC, lowest -42oC)

2. **Gloves** to be a durable layered system, each layer fitting seamlessly into the next. Materials used to be moisture/vapour proof. (for example, Gore-Tex or equivalent).

3. **Base Layers** to be Breathable, Insulated, Temperature Regulating. Appropriate materials to be used (for example Merino Wool), Machine Washable.

4. **Socks** to be Breathable, Temperature Regulating, Insulated, Washable, Quick Drying, Appropriate materials used (for example Merino Wool).

5. **Balaclavas** to be Fire-Resistant, Breathable both through mouth and nose, protect airway and core body temperature, keep face dry, warm and humidify inhaled air. Withstand wind chill climates.

6. **Overboots** to be Durable, Snowshoe Compatible, fit over existing footwear, Fully Insulated, Water and Wind proof and Slip Resistant.

7**. Dry bags** – Must have taped seams and be capable of being submerged whilst keeping the contents dry.

8**. Cooker** – Must be compatible/comparable with the in-service stove, Optimus Polaris, in order to meet the required levels of CO2 output.

Compatible with policy as set in JSP 375 Volume 1 Chapter 42, Cold Injury Prevention. [Management of health and safety in defence (JSP 375) - GOV.UK](https://www.gov.uk/government/collections/jsp-375-health-and-safety-handbook)