



NFCC
National Fire
Chiefs Council

The professional voice of the
UK Fire & Rescue Service

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Firefighters Personal Protective Equipment

Standard, Specification and Requirements

Wildland Firefighting Hood

Specialist PPE Project – Oct 2021

SCOPE

This performance specification describes the requirements for a protective wildland firefighting hood for both male and female fire fighters.

The fire hood should offer the wearer protection from injuries, which could arise through accidents in the working sector for which the fire hood is designed.

The fire hood is to be CE marked to BS ISO 16073-9:2019 *Wildland firefighting personal protective equipment — Requirements and test methods — Part 9: firehoods*.

PERFORMANCE REQUIREMENTS

Description and Use

Provision of protective hood that meets the general and specific needs of Fire & Rescue Service (FRS) operational personnel.

The product must be suited to the range of wildland firefighting activities carried out during emergency response and training operations. The product must be of such design, robustness, material and specification to meet the needs of these operations. It should also be simple to clean, repair and maintain.

All test performance data must be submitted with tender document, please indicate compliant and submitted where requested. All documentation to be in English.

Firefighting PPE is designed, following a suitable risk assessment, to protect firefighters from risks that cannot be removed by other means.

One potential emerging risk to firefighter's health is exposure to contaminants as a result of the incidents that they attend; some of these contaminants may be carcinogenic.

All Contractors should be mindful of these emerging risks and as such ensure that the PPE is designed to be easily cleaned and decontaminated. In addition methods for identifying that the PPE may be contaminated should also be considered when designing the PPE.

Requirement Reference Number	Requirement	Response Criteria
A1	<p>Fire hood</p> <p>Compliant to BS ISO 16073-9:2020</p>	<p>Evidence from Tenderer shall constitute:</p> <p>(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.</p> <p>(2) Detailed Product specification.</p>
A2	<p>Compatibility</p> <p>Fire hood must conform to BS ISO 16073-2:2019 or ISO/TS 11999-2</p> <p>NB. BS ISO 16073-2 requires wildland clothing to meet the requirements of ISO/TS 11999-2</p>	<p>Evidence from Tenderer shall constitute:</p> <p>(1) Independent test report 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 testing has been commissioned and test report will be achieved before the required deadline.</p> <p>(2) Detailed Product specification.</p>
A3	<p>Ageing</p> <p>The items must conform to ISO 15384, section 5.6 after 40 wash/dry cycles without any requirements for additional additives or treatments</p>	<p>Evidence from Tenderer shall constitute:</p> <p>(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.</p>

Wildland fire hood - General Requirements		
B1	<p>Fire hood must be available in a generic adjustable size</p> <p>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.</p>	<p>Evidence from Tenderer shall constitute:</p> <ul style="list-style-type: none"> Detailed Product specification
B2	<p>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.</p> <p>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.</p> <p>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.</p>	<p>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.</p>

Wildland fire hood - Additional Documentation		
C1	<p>The tenderer shall provide all relevant user documentation and manuals that details how the item is:</p> <ol style="list-style-type: none"> Safely used and adjusted (if necessary) Maintained, including repair if relevant Cleaned <p>All of these to be published in English.</p>	<p>Evidence from Tenderer shall constitute:</p> <p>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</p>

Wildland fire hood - Optional Fire Service Requirement

<p>D1</p>	<p>Tenderers should provide details of any optional particulate barrier protection offered with their proposed fire hood. Any particulate barrier protection options proposed must be compliant with BS ISO 16073-9:2020</p> <p>Please see clarification issued on 26/3/2021</p>	<p>Evidence from Tenderer shall constitute:</p> <p>(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.</p> <p>(2) Detailed Product specification.</p>
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