



IRISH DEFENCE FORCES

Specification No: DF-1565-W-H-EOHO

Project: MOTORCYCLE PPE

Product Description: Escort of Honour (Officer) Helmet

Date: 28/07/2026 Version: 3

Inspector of Textiles/ Uniforms	Commandant Fitzpatrick
	



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The Product



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Performance & Conformity Requirements

1. The Escort of Honour (Officer) Helmet must be certified and marked with ECE Regulation 22-06 Homologation or equivalent international standard. It must be certified as a Class 1 for optical quality.

The following documents are required to be supplied by the Tenderer to confirm conformity with the performance requirements above:

2. The corresponding Approval (Homologation) Certificate for The Escort of Honour (Officer) Helmet must be supplied by the Tenderer to confirm compliance with these requirements, issued by an appointed approval authority.
3. The relevant Instructions for Use / User Manual for the Escort of Honour (Officer) Helmet.



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Mandatory Product Requirements

Description

Helmet Type & Construction

4. Helmet to be suitable for professional motorcyclist in arduous conditions and for comfortable ceremonial motorcycle use.
5. Helmet to be white with no contrast colours to the main helmet, and free from excessive visible branding (logos, trade names or similar).
6. The helmet must have a retention system with a padded, adjustable, toothed plastic strap which slides into a spring locking mechanism (or equivalent).
7. The helmet shall be of a modular design; flip-front, full-face motorcycle helmet with integrated visor.
8. The helmet shall incorporate an anti-roll-off retention system designed to minimise the risk of the helmet becoming dislodged or rolling off the wearer's head during impact or accident conditions.
9. The helmet must have a fibre glass shell with a reinforced carbon fibre layer.
10. The outer shell shall be manufactured from durable, impact-resistant materials.
11. The helmet shell shall have an anti-scratch coating to improve resistance to surface scratching during normal use.
12. The helmet shall have a function to allow easy removal of the helmet by trained medical personnel in the event of an accident.

Visor

13. The visor shall be anti-scratch coated, offer a wide field of view, and be certified as Class 1 for optical quality (prior to anti-fog lens been fitted).
14. The visor to have an adjustable drop-down sun visor.
15. The visor shall incorporate an anti-fog Pinlock 120 (or equivalent) lens and visor insert system that creates an insulating air gap between the visor and insert lens to minimise condensation and maintain clear visibility.

Helmet Interior

16. The interior padding must be modular to customize fit as required by the user.
17. The interior shall be fully antibacterial, odour resistant, removable and washable.
18. The helmet shall incorporate a multi-port aerodynamic ventilation system designed to optimise airflow and thermal comfort. The system shall include replaceable air filters and adjustable ventilation controls to enable the wearer to regulate airflow as required.

Communications System

19. Helmet to have a fully integrated invisible communication system which must include a microphone, HD speakers and an antenna.
20. Helmet designed to accommodate a communications headset specified by the Defence Forces Ireland:
 - a. System to have integrated controls to be located at the edge of the helmet for accessibility during riding.
 - b. System to enable Bluetooth connectivity for intercom, with a minimum of 11 hours talk time while in Bluetooth mode.
 - c. System to support four- way communication.
 - d. System to enable plug and play installation with HD voice transmission.
 - e. A battery is to be supplied with the helmet to support the communication system.

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Size Range

Description

The final sizes will be confirmed with the successful Tenderer.

21. Tenderers are required to provide the size range available for their product.
22. Helmets to be available in standard size range covering a minimum of Small, Medium, Large, XL and XXL (or equivalent).



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Labelling & Traceability Requirements

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23. Internal labelling must include details of size/sizing and ECE safety certification tag (ECE R22-06).



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Packaging Requirements

Description

Each helmet must be delivered in an individual helmet box with the helmet placed in a protective cloth, drawstring storage bag. To prevent movement during transport, bubble wrap/protective cardboard inserts (or equivalent) should be used to secure the helmet into position within the helmet box.

Packaging Guide

- Items must be packaged to ensure the product quality is not compromised during transit.
- Label affixed to product or packaging to clearly show the product code, size and length, DOD reference, PO/ order number, and date of manufacture. Note: DOD reference number will change for each P.O. and will be confirmed for each at point of order.
- Safety warning to be printed on end of bag (if used):

SAFETY WARNING:
To avoid suffocation, keep this wrapper away from babies and children.

Presentation

- Item to be clean, free from soiling, dirt, oil marks and thread ends prior to delivery.

Delivery

- Boxes are double walled. Slash guard required.
- Boxes to be packed with box stickers outward facing so they can be easily read when packed on the pallets.
- Box stickers need to be 2 per carton – 1 on the short end and 1 on the long side as per image.
- Where possible do not mix sizes in the box, if an odd number of garments are left over at the end of the packing process, then please identify the carton as mixed size box.
- Palletised deliveries on Euro pallets, boxes to clear top of euro pallets by maximum of 1.2metres.



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Version	Version Date	Amendment Details	Amendment Requested By	Amendment Approved By	Amendment Approval Date
1	06.07.2026	New specification written for 2026 tender. Version 1 specification verified by Commandant Michael Fitzpatrick, SO Clothing Procurement.	n/a	n/a	n/a
2	24.07.2026	The description of “the helmet shall have an emergency-release function to allow easier removal of the helmet by trained medical personnel in the event of an accident” has been amended to: “The helmet shall have a function to allow easy removal of the helmet by trained medical personnel in the event of an accident”.	Irish Defence Forces	Irish Defence Forces	24.07.2026
3	28.07.2026	Added detail of “(prior to anti-fog lens been fitted)” to the description of the visor on page 4.	Irish Defence Forces	Irish Defence Forces	28.07.2026