

GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
DEFENCE RESEARCH & DEVELOPMENT ORGANISATION
LOK SABHA
UNSTARRED QUESTION NO. 3016
TO BE ANSWERED ON 09th August, 2024

LIGHT BULLET-PROOF JACKET DEVELOPED BY DRDO

3016 SHRI C M RAMESH:

Will the Minister of DEFENCE be pleased to state:

- (a) whether DRDO has developed lightest bullet-proof jacket for our armed forces;
- (b) if so, the details thereof;
- (c) whether the appropriate authority has given approval to take up production in mass scale;
- (d) if so, the details thereof; and
- (e) the manner in which the developed one is different, advanced and helpful to our armed forces?

A N S W E R

MINISTER OF STATE
IN THE MINISTRY OF DEFENCE

(SHRI SANJAY SETH)

(a) & (b): Yes, Sir. DRDO has developed the Bullet Proof Jacket (BPJ) consisting of lightest Front Hard Armour Panel (FHAP). This jacket has been developed in two configuration viz In-Conjunction-With (ICW) and Standalone with different areal density of FHAP.

(c) & (d): The Bullet Proof Jacket has been developed under DRDO project. The process to transfer the developed technology to Indian Industries has been initiated as per Transfer of Technology (ToT) Policy and procedure of DRDO for production.

(e): This BPJ is based upon new design approach, where novel material along-with new processes have been used. This BPJ confirms BIS standard 17051 and therefore, it is the lightest BPJ of level 6 with approx. weight of 10.1 kg for medium size, which enhances the wearability and comfort during the operation. This Jacket has also a unique feature of Quick Release Mechanism (QRM) along with other associated features. This BPJ will protect the soldier of Indian Armed Forces/ CAPFs from maximum possible threat of 7.62×54 R AP/ API rounds as on date.
