

GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
DEPARTMENT OF DEFENCE PRODUCTION
LOK SABHA
UNSTARRED QUESTION NO.2454
TO BE ANSWERED ON THE 1ST AUGUST, 2018

MAKE IN INDIA

2454. SHRI MOHD. SALIM:
SHRI MD. BADARUDDOZA KHAN:

Will the Minister of DEFENCE j{k k ea=h
be pleased to state:

- (a) the details of areas in Defence in which Make in India has been newly introduced;
- (b) the total number of products developed by Defence Research and Development Organisation and other Indian institutions during the last three years and the details of the products out of them being or proposed to be mass produced during the last three years;
- (c) the details of number of contracts at present signed by the Government to import defence equipments and machinery;
- (d) whether the existing defence production factories are either closed or on the verge of closure; and
- (e) if so, the details thereof along with the reasons therefor?

A N S W E R

MINISTER OF STATE (DR. SUBHASH BHAMRE)
IN THE MINISTRY OF DEFENCE

रक्षा रणय मंत्री

(डा. सुभाष भामरे)

- (a) **‘Make in India’ in defence sector, which is primarily driven by capital acquisition of defence equipment and other policy measures, has been introduced in all major areas of defence such as combat vehicles, combat aircrafts, warships, weapons, ammunitions, missiles, radars, electronic warfare systems etc.**

(b) Defence Research & Development Organisation (DRDO), the Research wing of Ministry of Defence has been set up with a mandate of developing cutting edge technologies and systems for Indian Armed Forces as per their specific Qualitative Requirements. The list of products developed by DRDO during the last three years is placed at Annexure-1.

(c) In the last three financial years (2015-16 to 2017-18), 58 contracts worth about Rs 1,17,656 Crore were signed with foreign vendors for procurement of defence capital equipment for Defence Forces.

(d) & (e): At present, there is no proposal to close Ordnance Factories or Defence Public Sector Units functioning under the administrative control of Department of Defence Production.

**ANNEXURE-1 REFERRED IN THE REPLY GIVEN IN PART (b) OF LOK SABHA
UNSTARRED QUESTION NO. 2454 FOR ANSWER ON 1st AUGUST 2018**

Products developed by DRDO during last three years:

1. Light Combat Aircraft (LCA) Tejas
2. Airborne Early Warning and Control (AEW&C) System
3. 155mm/52 Calibre Advanced Towed Artillery Gun System (ATAGS)
4. Weapon Locating Radar (WLR) Swati
5. High speed Heavy Weight Ship Launched Torpedo (Varunastra)
6. Anti-Torpedo Decoy System (Maareech)
7. Arudhra-Medium Power Radar
8. Akash Weapon System
9. Abhay Sonar
10. Hull Mounted Sonar (HUMSA)
11. HUMSA UG
12. Advanced Indigenous Distress Sonar System (AIDSS)
13. Near , eld acoustic characterization system (NACS)
14. NBC Technologies
15. NBC Recce Vehicle Mk-I
16. 120 mm FSAPDS(Fin stabilised Armour Piercing Discarding Sabot) Mk-II
Ammunition for MBT Arjun
17. 120 mm FSAPDS Practice Ammunition for MBT Arjun
18. 250 Kg Pre-fragmented Bomb
19. 46m In' atable Radome
20. Air Bursting Grenades for Individual Weapons
21. Anti Torpedo Decoys
22. Bar Mine Layer
23. CBRNe Remotely Operated Platforms
24. Commander's Non-Panoramic TI (Thermal Imaging) Sight for Armoured
Fighting Vehicles (T-90, T-72 & BMP-II)
25. Computerized Pilot Selection System
26. Dual Colour Missile Approach Warning System for Fighter Aircraft
27. Electro-Optical Fire Control System for Naval Ships
28. Electro-Optical Sensors for Airborne Platforms

29. Enhanced Range Rocket (Pinaka Mk-II)
30. EW Suite for Fighter Aircraft
31. Exotic and Indigenous Varieties of Vegetables under Protected Environment
32. G-band CC-TWT for Weapon Locating Radar
33. Heavy Drop System - I6T
34. Integrated Automotive Vetrionics Systems for AFVs
35. Ku-Band MPM based Transmitter for Airborne Radar
36. Laser Target Designator with Thermal Imager for Air Force
37. Medium Size Integrated Aerostat Surveillance System
38. Mine, eld Marking Equipment Mk-II
39. Mountain Foot Bridge
40. Multi Calibre Individual Weapon System
41. Multi-In' uence Ground Mine
42. Penetration-cum-Blast
43. Sub-Munition Warheads for Pinaka
44. Synthetic Aperture Radar for UAV
45. Terrain Assessment System for Trans-border Deserts in Western Sector
46. Thermo-Baric Ammunition for 120 mm Arjun Tank
47. Upgraded Troposcatter Communication System for Indian Air Force
48. Vehicle Mounted High Power Laser Directed Energy System Against
RPVs/UAVs/DRONES
49. Water Mist System Validation for Fire Protection in Naval Ships.
