

GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
DEPARTMENT OF DEFENCE PRODUCTION
LOK SABHA
UNSTARRED QUESTION NO.3034
TO BE ANSWERED ON THE 14TH MARCH, 2018

MAKE IN INDIA

3034. DR. A. SAMPATH:

Will the Minister of DEFENCE 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 (DRDO) and other Indian institutions during the last three years and the details of the products out of them produced in large quantity;
- (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

राष्ट्रिय 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 major projects developed by DRDO during the last three years is placed at Annexure-1.

(c) In the last three financial years (2014-15 to 2016-17), 58 contracts 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-I REFERRED IN THE REPLY GIVEN IN PART (b) OF LOK SABHA UNSTARRED QUESTION NO. 3034 FOR ANSWER ON 14.03.2018

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 field 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 Inflatable 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 Electronics 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. **Minefield Marking Equipment Mk-II**
39. **Mountain Foot Bridge**
40. **Multi Calibre Individual Weapon System**
41. **Multi-Influence 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.**
