

GOVERNMENT OF INDIA  
MINISTRY OF DEFENCE  
DEPARTMENT OF DEFENCE PRODUCTION  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 957**  
TO BE ANSWERED ON 22<sup>nd</sup> July, 2022

**DEVELOPMENT WORK BY DEFENCE INDUSTRIES**

957. SHRI NARENDRA KUMAR:

Will the minister of defence be pleased to state:

- (a) whether the government has identified major platforms for the design and development work carried out by industries in the defence sector;
- (b) if so, the details thereof and the prescribed criteria for identification of such platforms; and
- (c) the assistance likely to be provided by the Government to such platforms along with the criteria laid down for the said assistance?

A N S W E R

MINISTER OF STATE  
IN THE MINISTRY OF DEFENCE

(SHRI AJAY BHATT)

(a) to (c): Yes, Sir. In continuous pursuit of achieving self-reliance in defence manufacturing under 'Atmanirbhar Bharat Abhiyan' and in sync with the announcement made in the Union Budget 2022-23 that allocated 25% of Defence R & D Budget for industry led R & D, 18 (eighteen) major platforms have been identified and announced by the Ministry of Defence for industry led Design & Development under various routes prescribed in Defence Acquisition Procedure-2020, namely, Make-I, Make-II, Special Purpose Vehicle (SPV) and the Innovations for Defence Excellence (iDEX). These Platforms have been identified after extensive consultations with the Services, DRDO and the Industry. The details of these 18 (eighteen) Platforms are given at Annexure.

These major Platforms for industry led design and development in defence sector have been identified taking into consideration multiple factors like the capabilities of Indian industry, being cost effective, faster and scalable; current technological advancements; requirement of future warfare; operational challenges; need for import substitution etc.

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**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) to (c) OF LOK SABHA UNSTARRED QUESTION NO.957 TO BE ANSWERED ON 22.07.2022 REGARDING DEVELOPMENT WORK BY DEFENCE INDUSTRIES.:**

Make-I

1. Hypersonic Glide Vehicle
2. Directed Energy Weapons (300 KW and more) [High Powered Electromagnetic Devices and High Powered Laser Devices]
3. Naval Ship Borne Unmanned Aerial System (NSUAS)
4. Light Weight Tank
5. Self-Healing Mine Fields
6. Unmanned Autonomous AI Based Land Robot
7. 127 mm Naval Gun
8. 127 mm Guided Projectile
9. Electric Propulsion (Engines) for Ships
10. Standoff Airborne Jammer
11. Li-ion Cells/ Li-Sulphur Cells [Portable High Capacity Energy Systems replacing the Conventional Hydrocarbons]
12. Communication System (AFNET System Switches, routers, Encryptors& VOIP phones)
13. Electro Optical (EO) Pod (with subsequent upgrade to EO/IR) with high resolution sensing
14. 'Plug and Play' Housing/ Infrastructure for soldiers posted at extreme altitudes.

Special Purpose Vehicle (SPV) Model

15. Long Range Unmanned Aerial Vehicles (UAVs) [High Altitude Long Endurance (HALE)]
16. Indian Multi Role Helicopter (IMRH)

iDEX

17. Low Orbit Pseudo Satellites

Make-II

18. Anti-jamming Systems for Multiple Platforms

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