

**GOVERNMENT OF INDIA  
MINISTRY OF DEFENCE  
DEPARTMENT OF DEFENCE PRODUCTION  
LOK SABHA**

**STARRED QUESTION NO.188  
TO BE ANSWERED ON THE 11<sup>TH</sup> DECEMBER, 2015**

**DEFENCE EQUIPMENT**

\*188. SHRI ANOOP MISHRA:  
SHRI P.K. BIJU:

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

- (a) whether the Government has launched 'Make in India' programme to indigenously develop defence capabilities / industries and make the country self-reliant in the production of arms, ammunition and equipment;
- (b) if so, the salient features thereof along with the name of foreign countries and domestic companies which have shown keen interest in the production of defence equipment in the country;
- (c) the major equipment manufactured domestically with indigenous technology along with the expenditure incurred thereon during the current year;
- (d) whether the Government proposes to invite / include the international and private enterprises under the programme for joint development of defence equipment; and
- (e) if so, the details of the proposals received under the said programme along with the Memorandum of Understandings / Letters of Intent signed with various foreign countries and domestic companies during the current year?

**A N S W E R**

MINISTER OF STATE  
IN THE MINISTRY OF DEFENCE

(RAO INDERJIT SINGH)

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**(a) to (e): A Statement is laid on the Table of the House.**

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**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF LOK SABHA STARRED QUESTION NO. 188 FOR ANSWER ON 11.12.2015**

**(a) & (b):** 'Make in India' initiative launched by the Government, in September 2014, aims to build best-in-class manufacturing infrastructure, facilitate investment and foster innovation. Defence manufacturing is identified as one amongst 25 Sectors under 'Make in India' initiative. The Government has taken several policy initiatives such as liberalization of FDI policy and Industrial Licensing policy, simplification of export procedures, creating level playing field for Indian private and public sector companies, preference to 'Buy (Indian)', 'Buy and Make (Indian)' and 'Make' categories over 'Buy (Global)' category in defence Procurement Procedure-2013, for providing impetus to indigenous production of arms, ammunition and equipment.

A positive response has been received from both within the country and globally to the 'Make in India' initiative. Some of the major foreign countries like United States of America (USA), Russia, Israel, Japan, Korea etc. have evinced interest in participating in 'Make in India' initiative. Since the launch of 'Make in India' initiative, 61 companies have obtained 81 Industrial Licenses (ILs) for manufacture of various defence equipment upto October 2015. These Industrial Licenses include manufacture of Artillery Guns, Armoured Fighting Vehicles, warships, Aircrafts, UAVs, Radars etc. The name of companies which have been issued Industrial Licenses, since the launch of 'Make in India' initiative is enclosed at Annexure-I to the Statement.

**(c)** The list of the major equipment manufactured domestically with indigenous technology is placed at Annexure-II.

**(d) & (e):** In May 2001, the defence industry sector, which was hitherto reserved for the public sector, was opened upto 100% for Indian private sector participation with FDI permissible upto 26%, both subject to licensing. However, FDI policy has been recently revised in November 2015 under which Foreign Investment up to 49% is allowed through automatic route and above 49% under Government route on case-to-case basis, wherever it is likely to result in access to modern and 'state-of-art' technology in the country.

In the current financial year, 39 Indian private companies have obtained 49 Industrial Licenses, till October 2015, for manufacture of various defence equipments. Further, nine (09) proposals have been received for foreign investment in the current financial year, out of which 3 proposals have been approved by the Government.

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**ANNEXURE-I REFERRED IN THE REPLY GIVEN IN THE STATEMENT IN PARTS (a) & (b) OF LOK SABHA STARRED QUESTION NO. 188 FOR ANSWER ON 11.12.2015**

**LIST OF COMPANIES WHICH HAVE BEEN ISSUED INDUSTRIAL LICENSES FROM SEPTEMBER 2014 TO OCTOBER 2015**

S.NO	NAME OF THE COMPANY
1	M/s AMW MOTORS LTD. KUTCH, GUJARAT.
2	M/s BASANT AEROSPACE PVT. LTD. GURGAON, HARYANA.
3	M/s DEFENCE LAND SYSTEMS INDIA PVT. LTD. PALWAL, HARYANA.
4	M/s SASMOS HET TECHNOLOGIES PVT. LTD, BENGALURU
5	M/s SWALLOW SYSTEMS PVT. LTD. VADODARA, GUJARAT.
6	M/s JUBILANT AERONAUTICS PVT. LTD, BENGALURU.
7	M/s AVAANA SOFTWARE & SERVICES PVT. LTD. NOIDA, U.P.
8	M/s RELIANCE AEROSPACE TECHNOLOGIES LTD. NASHIK, MAHARASHTRA.
9	M/s BHARAT FORGE LTD. PUNE, MAHARASHTRA.
10	M/s OM UAV SYSTEMS FARIDABAD, HARYANA.
11	M/s PUNJ LLOYD INDUSTRIES LTD, DISTT. BHIND, MADHYA PRADESH
12	M/s MAHINDRA TELEPHONICS INTEGRATED SYSTEMS LTD. PALWAL, HARYANA.
13	M/s ECONOMIC EXPLOSIVES LTD. NAGPUR, MAHARASHTRA.
14	M/s ASHOK LEYLAND DEFENCE SYSTEMS LTD. KANCHEEPURAM, TAMIL NADU.
15	M/s TEJAS STRATEGIC TECHNOLOGIES PVT. LTD. , BENGALURU.
16	M/s BHARATI SHIPYARD LTD. DISTRICT RATNAGIRI, MAHARASHTRA.
17	M/s LORDS VANIJYA PVT. LTD. HOWRAH WEST BENGAL.

18	M/s PIPAVAV DEFENCE & OFFSHORE ENGINEERING COMPANY LTD. (i) DISTRICT-AMERELI, GUJARAT (ii) JHANSI, UTTAR PRADESH.
19	M/s DEWSOFT FABRICATION PVT. LTD. JHAJJAR, HARYANA.
20	M/s SPECTRUM INFOTECH PVT. LTD. , BENGALURU.
21	M/s AVIOHELITRONICS INFOSYSTEMS PVT. LTD. , BENGALURU.
22	M/s DYNAMATIC TECHNOLOGIES LTD. PEENYA, , BENGALURU.
23	M/s PUNJ LLOYD AVIATION LTD. (i) DISTT-BHIND, MADHYA PRADESH (ii) BELAGONDAPALLI HOSUR.
24	M/s TANEJA AEROSPACE AND AVIATION LIMITED KRISHNAGIRI, TAMIL NADU.
25	M/s AVASARALA TECHNOLOGIES LIMITED , BENGALURU.
26	M/s ELCOME MARINE SERVICES PVT. LTD., NAVI MUMBAI.
27	M/s CIMMCO LIMITED,BHARATPUR, RAJASTHAN.
28	M/s TATA MOTORS LIMITED, PUNE, MAHARASHTRA.
29	M/s MICRON INSTRUMENTS PVT. LTD. (i) CHANDIGARH, (ii) DISTT. PANCHKULA, HARYANA.
30	M/s DEEPTI ELECTRONICS & ELECTRO OPTICS PVT. LTD, BENGALURU
31	M/s MKU PVT. LTD. (i) KANPUR (ii) FATEHPUR, UTTAR PRADESH.
32	M/s. IDEA FORGE TECHNOLOGY PRIVATE LIMITED, NAVI MUMBAI.
33	M/s ELCOM INNOVATIONS PRIVATE LIMITED, ROPAR, PUNJAB.
34	M/s TECH MAHINDRA LIMITED, BENGALURU.
35	M/s PREMIER EXPLOSIVES LTD. NAGONDA,TELANGANA.
36	M/s CHOWGULE & COMPANY PVT. LTD, GOA.
37	M/s. TITAGARH WAGONS LIMITED, <b>PLANT:-1</b> PARAGANAS NORTH, WEST BENGAL, <b>PLANT:-2</b> PARAGANAS NORTH, WEST BENGAL, <b>PLANT:-3</b> HOOGHLY, WEST BENGAL.

38	M/s. SAMTEL THALES AVIONICS LTD. GAUTAM BUDDH NAGAR, (UP).
39	M/s. BF ELBIT ADVANCED SYSTEMS PVT. LTD.,PUNE, MAHARASHTRA
40	M/s. TATA ADVANCED MATERIAL LIMITED, BENGALURU.
41	M/s. TAK TECHNOLOGIES PVT. LTD., GAUTAM BUDH NAGAR, (UP).
42	M/s. ANALOGIC CONTROLS INDIA LIMITED, TELANGANA.
43	M/s. AIDIN TECHNOLOGIES PVT. LTD., BENGALURU.
44	M/s. SOLAR INDUSTRIES INDIA LTD. NAGPUR, MAHARASHTRA.
45	M/s. AMERTEC SYSTEMS PRIVATE LIMITED, GURGAON, HARYANA.
46	M/s. MODEST INFRASTRUCTURE LTD., BHAVNAGAR, GUJARAT.
47	M/s. SERIAL INNOVATIONS INDIA PVT. LTD, BENGALURU.
48	M/s. ASTERIA AEROSPACE PVT. LTD, KATHAWADA, GUJARAT.
49	M/s. LOTUS AVIATION TECHNOLOGY PVT. LTD., NEW DELHI.
50	M/s. KALYANI STRATEGIC SYSTEMS LIMITED (KSSL), MAHARASHTRA
51	M/s. ICOMM TELE LIMITED, HYDERABAD.
52	M/s. VEM TECHNOLOGIES PVT. LTD., HYDERABAD.
53	M/s. TEBMA SHIPYARDS LIMITED (i) UDUPI, KARNATAKA, (ii) CHENGELPET, TAMIL NADU.
54	M/s. THE HI-TECH ROBOTIC SYSTEMZ LIMITED,GURGAON, HARYANA
55	M/s. FEDDERS LLOYD CORPORATION LTD., GUJARAT.
56	M/s. HIMACHAL FUTURISTIC COMMUNICATIONS LIMITED, MADHYA PRADESH.
57	M/s. NARENDRA EXPLOSIVE LTD., SAHARANPUR, UP.
58	M/s. APPLIED ELECTRO MAGNETICS PVT. LTD., GAUTAM BUDH NAGAR, UP.
59	M/s. KSEDC LTD. (KELTRON), THIRUVANANTHAPURAM, KERALA.
60	M/s. METALTECH MOTOR BODIES PVT. LTD., GURGAON, HARYANA.
61	M/s. OIS AEROSPACE PVT. LTD., GAUTAM BUDH NAGAR, UP.

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**ANNEXURE-II REFERRED IN THE REPLY GIVEN IN THE STATEMENT IN PART (c) OF LOK SABHA STARRED QUESTION NO. 188 FOR ANSWER ON 11.12.2015**

**DETAILS OF MAJOR EQUIPMENT MANUFACTURED DOMESTICALLY WITH INDIGENOUS TECHNOLOGY:**

( Value Rs. in Crore)

<b>Sr. No</b>	<b>Name of Defence Equipment</b>	<b>Manufacturing Agency</b>	<b>Value of Production in the current financial year</b>
01	Akash Surface to Air Missile	BDL	1375.21
02	Akash Missile system for Air Force	BEL	630.05
03	Low Level Light Weight Radar (Aslesha)	BEL	124.22
04	3D Tactical Control Radar ( TCR)	BEL	121.32
05	Schilka Upgrade	BEL	60.75
06	Integrated Sonar Suite	BEL	63.22
07	Aircraft Towing Tractor (4x4)	BEML	12.60
08	Sarvatra Bridge System	BEML	26.08
09	Landing Craft Utility (LCU)	GRSE	271.91
10	Anti Submarine Warship Corvette	GRSE	411.95
11	Water Jet Fast Attack Craft	GRSE	92.19
12	Coast Guard Offshore Patrol Vessel	GSL	239.72
13	Sri Lankan NOPV	GSL	49.27
14	Fast Patrol Vessel (FPV) for Mauritius	GSL	10.88
15	Naval Offshore Patrol Vessel	GSL	17.18
16	Dhruv Advanced Light Helicopter	HAL	733
17	Light Combat Aircraft	HAL	247
18	Rockets for Pinaka Launchers	OFB	223.65
19	105mm Light Field Gun	OFB	70.08
20	5 Ton Stallion	OFB	523.51
21	2.5 Ton LPTA	OFB	268.73
22	Armoured Ambulance	OFB	39.80

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