

Subject **BEL Reply- PQ LS USQ Dy No.6153 regarding "Manufacturing Orders to Indian Industries"**  
 From MS/CO <msco@bel.co.in>  
 To <poms-ddp-mod@nic.in>, <vijay.kumar28@gov.in>  
 Cc cmdps\_delhi <cmdps\_delhi@bel.co.in>, <cmd@bel.co.in>, Manoj Yadav <manojyadav@bel.co.in>  
 Date 2022-04-06 12:34



- BEL Reply- PQ LS USQ Dy No.6153 regarding -Manufacturing Orders to Indian Industries.pdf(~1.8 MB)

महोदय Sir,

With reference to PQ LS USQ Dy No.6153 regarding "Manufacturing Orders to Indian Industries", the information i.r.o BEL is attached for kind perusal.

सादर Regards,

शिवकुमार के Sivakumar.K  
 उप महा प्रबंधक Deputy General Manager  
 प्रबंधन सेवाएं MANAGEMENT SERVICES  
 कॉर्पोरेट कार्यालय CORPORATE OFFICE  
 भारत इलेक्ट्रॉनिक्स लिमिटेड BHARAT ELECTRONICS LIMITED  
 आउटर रिंग रोड OUTER RING ROAD, नागवारा NAGAVARA  
 बंगलुरु BANGALORE - 560045  
 फोन/PHONE:+91(80)25039277

----- Original Message -----

**Subject:**Urgent : Inputs for admitted **PQ 6153** for answer on 08.04.2022

**Date:**2022-04-05 10:54

**From:**Chandandeep Singh <poms-ddp-mod@nic.in>

**To:**"urmila rawat" <dsdip\_ddp@ddpmod.gov.in>, "Sanjeev Kishore" <Sanjeevkishore.ofb@ofb.gov.in>, "Rajesh Choudhary" <Rajeshchoudhury.ofb@ofb.gov.in>, "Cmde Siddharth Mishra(Retd)" <cmdbdl@bdl-india.in>, "CMD BEL Anandi Ramalingam" <cmd@bel.co.in>, "CMD BEML Amit Banerjee" <cmd@beml.co.in>, "v.k.tiwari" <Vktiware.ofb@ofb.gov.in>, "CMD GRSE Rr Adm V K Saxena" <cmd@grse.co.in>, "CMD GSL Cmde BB Nagpal" <cmd@goashipyard.com>, "CMD HAL R Madhavan" <chso@hal-india.co.in>, "CMDE HEMANT KHATRI CMD, HSL" <cmd@hslvizag.in>, "SANJIV KUMAR" <sanjivkumar.ofb@ofb.gov.in>, chmd@mazdock.com, "Chairman and Managing Director MIDHANI" <cmd@midhani.gov.in>, "Ravi Kant" <Ravikant.ofb@ofb.gov.in>, "CMD TCL S K Sinha" <sksinha1073@gmail.com>, "RAJEEV PURI" <Rajeevpuri.ofb@ofb.gov.in>, "Capt Sandeep Kumar" <navcns@navy.gov.in>, "Jonathan Alexander" <vsyscell.1@gov.in>, "WG CDR ADITYENDRA TIWARI" <so2.vcas@gov.in>, "Capt Vikram Arab" <sovcns@navy.gov.in>, "SO to VCAS" <safe2.tell@gov.in>, "Navy PQ" <doa@navy.gov.in>

Dear Sir,

This is wrt Admitted Lok Sabha UnStarred Question No. 6153 regarding "Manufacturing Orders to Indian Industries" for answer on 08.04.2022. Text of PQ is as below: -

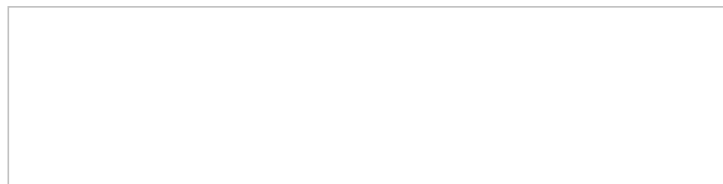
Will the Minister of DEFENCE ,

- the total number of **manufacturing orders** received by the Indian Industries under Aatmanirbhar Bharat Abhiyan during the last two years;
- the total costs of the projects and savings in foreign exchange achieved as a result thereof;
- the contribution to the Micro, Small and Medium Enterprises sector in the defence manufacturing; and
- the impact on operational efficiency of the armed forces due to the indigenization process?

2. It is requested that inputs in respect of each part of above mentioned PQ may kindly be provided to this office **latest by 1500 hrs today** so that reply to the question is submitted in time.

--  
 Kind Regards,

**Chandandeep Singh**  
 Planning Officer (MS)  
 Directorate of Planning & Coordination  
 Department of Defence Production  
 Room No 402, 'C' Block, Ministry of Defence Complex  
 KG Marg ( Near CSO) , New Delhi- 110001  
 Location : <https://goo.gl/maps/hLzaiMztfpsuD7YN9>  
 Tel: 011- 23076619  
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The Planning Officer (MS)  
Directorate of Planning & Co-ordination  
Department of Defence Production  
Room No 175, 'B' Block  
Ministry of Defence, Government of India  
New Delhi – 110 011  
Tele/Fax: 23016619  
e-mail: poms-ddp-mod@nic.in  
**Kind Attn: Shri. Chandandeep Singh**



18880/1A/GOV/PQ/MS/6153  
05.04.2022

महोदय Sir,

Sub: **PQ LS USQ Dy No.6153** regarding '**Manufacturing Orders to Indian Industries**'

With reference to MoD e-mail dated 05.04.2022 on the above subject, the information i.r.o BEL is furnished below:

**(a) The total number of manufacturing orders received by the Indian Industries under Aatma Nirbhar Bharat Abhiyan during the last two years.**

**BEL's Comment:** Major orders received by BEL during 2020-21 and 2021-22 are approximately Rs.12500 Cr (45 Contracts) and Rs.13700 Cr (50 Contracts) respectively.

**(b) The total costs of the projects and savings in foreign exchange achieved as a result thereof;**

**BEL's Comment:** The information is not readily available. It is pertinent to mention here that, BEL being a Defence PSU, the disclosure of information w.r.t to foreign exchange earnings and outgo under the provisions of Section 134(3)(m) read with Rule 8(3) of the Companies (Accounts) Rules, 2014 (as amended) is not required as the Ministry of Corporate Affairs vide Notification GSR No.680 (E) dated 4 September 2015 has granted exemption to Defence Public Sector Undertakings.

**(c) The contribution to the Micro, Small and Medium Enterprises sector in the defence manufacturing;**

**BEL's Comment:** BEL has taken various measures towards increased participation of MSMEs in BEL's supply chain and to promote indigenous Defence manufacturing in the MSME sector. Major ones are listed below:

- Complied with the Government's Public Procurement Policy for MSEs.
- Implemented exclusive "Outsourcing & Vendor Development Policy".
- Empanelment of MSME partners under Collaborative R&D Process.
- Items identified for procurement from MSMEs for Indigenization.
- BEL's Test Facilities are made available for use by MSMEs.

- BEL's Approved Vendor Directory comprises of more than 3600 MSME Vendors.
- BEL conducts various Training Programs at free of cost (Problem Solving Techniques, Zero Defect, 5S, Lean, Six Sigma, QMS, ISO 9001, ISO 14001 etc.,) for MSME vendors.
- Conducts Vendor Development Programs and actively participates in such events organized by Ministry of MSME.
- Online vendor registration provided in BEL's SRM portal and Unit-wise Nodal Officers nominated to assist MSMEs.


**(d) The impact on operational efficiency of the armed forces due to the indigenization process?**

**BEL's Comment:** One of the prime objectives of Indigenization is to contribute to the operational efficiency of Defence Forces and Defence Preparedness. BEL supplies superior Quality of Defence Equipment to the country's defence forces through Indigenization thus minimizing the dependence on foreign sources. Besides induction of new technology through in-house R&D efforts, BEL continuously modernize/Upgrade its infrastructure to be in tune with world standards and as part of achieving self-reliance. It is pertinent to mention here that around 87% of turnover on an average generated from indigenous technology by making use of in-house infrastructure/facilities, skilled manpower etc., reflects BEL's endeavor towards self-reliance and enhancing the operational efficiency of the armed forces.

सधन्यवाद Thanking you,

भवदीय Yours faithfully,

कृते भारत इलेक्ट्रॉनिक्स लि. for Bharat Electronics Ltd



(मनोज यादव Manoj Yadav)

अपर महा प्रबंधक (प्र.से.) AGM (Management Services)

Subject **BEL Reply PQ RS SQ 1782 - Inputs for Rajya sabha PQ Dy. No. 1782 for answer on 01.08.2022 - Self-reliance in defence production**  
 From MS/CO <mSCO@bel.co.in>  
 To <vijay.kumar28@gov.in>  
 Cc <poms-ddp-mod@nic.in>, cmdps\_delhi <cmdps\_delhi@bel.co.in>, <cmd@bel.co.in>, MANOJ YADAV . <manojyadav@bel.co.in>  
 Date 2022-07-21 17:23



- BEL Reply PQ RS SQ 1782-Self-reliance in defence production.pdf(~3.5 MB)
- BEL PQ Rajya Sabha SQ Dy No1782 regarding Self-reliance in defence production.docx(~52 KB)
- PQ 1782 -Annexure-I.xlsx(~20 KB)

महोदय Sir,

With reference to PQ RS SQ No.1782 regarding 'Self-reliance in defence production, the information i.r.o BEL is attached for kind perusal.

--

सादर Regards,

अमरजीत सिंह Amarjeet Singh BK

प्रबंधक Manager

प्रबंधन सेवाएं Management Services

कारपोरेट कार्यालय Corporate Office

भारत इलेक्ट्रॉनिक्स लिमिटेड Bharat Electronics Limited

बैंगलोर Bangalore - 560045

दूरभाष Phone : 080 25039322

फैक्स Fax : 080 25039234

ईमेल Email : [amarjeetsinghbK@bel.co.in](mailto:amarjeetsinghbK@bel.co.in)

----- Original Message -----

**Subject:**Inputs for **Rajyasabha PQ Dy. No. 1782** for answer on 01.08.2022

**Date:**2022-07-20 14:08

**From:**Chandandeep Singh <poms-ddp-mod@nic.in>

**To:**"WG CDR ADITYENDRA TIWARI" <so2.vcas@gov.in>, "RANJITH KUMAR" <vsyscell.1@gov.in>, "Capt Sandeep Kumar" <navcns@navy.gov.in>, "Sanjeev Kishore" <Sanjeevkishore.ofb@ofb.gov.in>, "Rajesh Choudhary" <Rajeshchoudhury.ofb@ofb.gov.in>, "Cmde Siddharth Mishra(Retd)" <cmdbdl@bdl-india.in>, "CMD BEL Anandi Ramalingam" <cmd@bel.co.in>, "CMD BEML Amit Banerjee" <cmd@beml.co.in>, "v.k.tiwari" <Vktiwari.ofb@ofb.gov.in>, "CMD GRSE Rr Adm V K Saxena" <cmd@grse.co.in>, "CMD GSL Cmde BB Nagpal" <cmd@goashipyard.com>, "K S SHANKARA" <chso@hal-india.co.in>, "CMDE HEMANT KHATRI CMD, HSL" <cmd@hslvizag.in>, "SANJIV KUMAR" <sanjivkumar.ofb@ofb.gov.in>, chmd@mazdock.com, "Chairman and Managing Director MIDHANI" <cmd@midhani.gov.in>, "Ravi Kant" <Ravikant.ofb@ofb.gov.in>, "CMD TCL S K Sinha" <sksinha1073@gmail.com>, "RAJEEV PURI" <Rajeevpuri.ofb@ofb.gov.in>, "S K Nayak" <nayak@hqr.drdo.in>, "urmila rawat" <dsdip.ddp@ddpmod.gov.in>, "Export Promotion Cell DDP" <epc@ddpmod.gov.in>, "Gaurav Sharma DD" <gauravsharma-cwc@nic.in>, "Indigenisation Division" <indig-ddp@ddpmod.gov.in>, "Deepika Lohia Aran" <deepika.lohia@nic.in>, "sunilchauhan" <sunil.chauhan17@nic.in>

Dear Sir/Madam,

This is wrt Rajya Sabha Dy. No. 1782 regarding "**Self-reliance in defence production**" for answer on 01.08.2022. Text of PQ is as below: -

Will the Minister of DEFENCE ,

(a) whether Government is working on self-reliance in all their defence related projects with active participation and support

(b) if so, the details thereof;

(c) whether Government also released the indigenisation list of pieces of equipment and platforms, including light tanks, helicopters and unmanned aerial vehicles which the services can procure only from the domestic industry; and

(d) if so, the details thereof?

2. It is requested that inputs in respect of each part of above mentioned PQ may kindly be provided to this office **latest by 22.07.2022** so that reply to the question is submitted in time.

--

Kind Regards,

**Chandandeep Singh**

Planning Officer (MS)

Directorate of Planning & Coordination

Department of Defence Production

Room No 402, 'C' Block, Ministry of Defence Complex

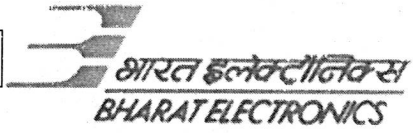
KG Marg ( Near CSOI) , New Delhi- 110001

Location : <https://goo.gl/maps/hLzaiMztfpsuD7YN9>

Tel: 011- 23076619



The Assistant Section Officer  
D (Coord/DDP)  
Department of Defence Production  
Ministry of Defence, Government of India  
New Delhi – 110 011, Tele/Fax: 2301 1468  
Mob: +91 - 09717889481  
e-mail: [vijay.kumar28@gov.in](mailto:vijay.kumar28@gov.in)  
[poms-ddp-mod@nic.in](mailto:poms-ddp-mod@nic.in)  
**Kind Attn: Shri. Vijay Kumar**



**भारत इलेक्ट्रॉनिक्स लिमिटेड**

(भारत सरकार का उद्यम, रक्षा मंत्रालय)

पंजीकृत कार्यालय

आउटर रिंग रोड, नागवारा, बेंगलूर - 560 045. भारत

**Bharat Electronics Limited**

(A Govt. of India Enterprise, Ministry of Defence)

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वेब/Web : [www.bel-india.com](http://www.bel-india.com)

18880/1A/GOV/PQ/MS/1782

Date: 21.07.2022

महोदय Respected Sir,

**Sub:** PQ Rajya Sabha SQ Dy. No.1782 regarding 'Self-reliance in defence production'

With reference to MoD mail dated 20.07.2022 on the above subject, the information i.r.o BEL is furnished below:

- whether Govt is working on self-reliance in all their Defence related projects with active participation and support;**
- if so, the details thereof;**

**BEL's Comment:** BEL strongly believes that achieving Self-reliance is one of the prime objectives to meet the strategic needs of the nation. Towards this endeavour, around 80% of the company's turnover is generated from indigenous technology.

In line with Government's "Make in India" policy, BEL has been taking several initiatives to achieve Self-Reliance through strong thrust on In-house R&D and Indigenization, Increased outsourcing from Indian Private industries, Public Private Partnerships, Joint Ventures, Capacity expansion, Infrastructure Development & modernization etc. Major initiatives taken towards achieving the goals of indigenization & self-reliance include:

- Continuous product development through In-house R&D efforts, Joint development by partnering with DRDO, National R&D Labs & Academia and Collaborative R&D partnership with Indian private sector (MSMEs/Start-ups) & foreign OEMs/Design houses.
- ToT based In-depth manufacturing from foreign OEMs.
- Import substitution of critical sub-systems through in-house/domestic vendor development.
- Three years R&D plan for Indigenous development
- Outsourcing & Vendor Development Policy
- Test facilities for use by Indian Private entities
- EOIs published for imported items under Make-II to attract capable/prospective domestic manufacturers for indigenization.
- Details of items planned for indigenization uploaded on 'Srijan Portal', Indigenization portal of MoD.

- c) Whether Govt also released the indigenization list of pieces of equipment and platforms, including light tanks, helicopters and unmanned aerial vehicles which the services can procure only from the domestic industry; and  
d) If so, the details thereof;

**BEL's Comment:** There are a total of 113 Projects/Equipments (Annexure-I), including Tanks & UAVs, pertaining to BEL which are part of 3 Services Positive Indigenization List (PIL) on which import embargo has been imposed.

सधन्यवाद Thanking you,

भवदीय Yours faithfully,

कृते भारत इलेक्ट्रॉनिक्स लि for Bharat Electronics Ltd



(मनोज यादव Manoj Yadav)

अपर महा प्रबंधक (प्र.से.) AGM (Management Services)

## BEL-32 Items

## First PIL of 101 Items

Sl.No	Sl. No of PIL	Name of Item	Annual Production capacity(Qty)
1	4	Short Range Surface to Air-Defence Missie System (Akash)	2 Squadrons
2	14	Air Defence Fire Control Radar (ADFCR)	18 Systems
3	16	Naval Fire Control Systems (Lynx U2, EON,(EOFCS)	Lynx U2:5 Sys EON/ EOFCS:10 SYS
4	36	Towed Array Sonars for Ships (Low Frequency Active Cum/ Passive Sonar for Surveillance)	2 Systems (12 Systems)
5	37	Ship Borne Hull Mounted Sonar-Next Gen. (HUMSA NG)	6 Systems
6	37	Sonar for Submarine (USHUS-2)	3 Systems (can be increased upto 6 Systems)
7	46	Radar Warning Receiver (RWR) (R118)	60 Systems
8	46	RWR (Trang Mk-1B)	60 Systems
9	47	Ground Based Mobile Electronic Intelligence (ELINT) System	4 Systems
10	47	Electronic Support Measures (ESM)/ELINT System (1-18GHz) (vehicle mounted)	4 Systems
11	49	Handheld Satcom Terminal	5000 10000 Nos
12	49	Messaging & Navigation Terminal	50000 10000 Nos
13	49	Manpack Satcom Terminal	50000 10000 Nos
14	51	Line of Sight (LOS) Point-to-Point (PTP) Radio	600 sets/year
15	51	Troposcatter Communication System	15 Sets
16	52	Low Level Transportable Radar (LLTR)	6
17	100	High Power Radar	4
18	62	Fixed Wing Mini UAVs (Ruggedized)	30 numbers
19	64	Shipborne Software Defined Radio (SDR) Tactical	240 Sets
20	66	Advanced Landing Ground Communication Terminal (ALGCT)	15 Sets
21	83	Low intensity Conflict EW System (LIC-III)	2 Systems
22	83	Ship Borne Signal Intelligence (SIGINT) System	4 Systems
23	83	Electronic Intelligence (ELINT) System (0.5 18 GHz) Ship Borne	4 Systems
24	83	Electronic Counter Measures (ECM) System (1 18GHz) (vehicle mounted)	2 Systems
25	83	Integrated COM EW Suite System (vehicle mounted)	4 Systems
26	83	Ground Based Jammer-(vehicle mounted)	20 Systems
27	83	ESM/ELINT & ECM Suite for Ships	4 Systems
28	83	Light weight ESM/ELINT System for Airborne platform	12 Systems
29	94	Low Level Light Weight Radar (LLLWR)	12 Systems
30	95	Close in Weapon system (CIWS) (IAF)	12 Systems
31	98	Post Impact Delay Fuze for Aerial Bombs	50000 to 60000 Nos
32	98	Electronic Fuze for 155mm Arty Ammunition	50000 to 60000 Nos

**BEL 52 Items**  
**2nd POSITIVE INDIGENISATION LIST-108 Items**  
**With Effect from Dec 2021**

<b>Sl.No. PIL</b>	<b>Description</b>	<b>Indicative Year</b>
5	Mini UAV Surveillance (Fixed Wing)	Dec-21
9	Helicopter Launched ATGM upto 7 Km	Dec-21
10	Anti-Torpedo Decoy System for Ships (Mareech)	Dec-21
12	Shipborne High Accuracy ELINT System (0.17 to 40 MHz)	Dec-21
14	SDR for Combat Ships (SDR NC)	Dec-21
15	Border Surveillance System	Dec-21
17	Battlefield Surveillance Radar (BFSR) up to 10 KM	Dec-21
18	Through Wall Imaging Radars	Dec-21
19	Portable Diver Detection Sonar	Dec-21
21	Multi-Functional DISPLAY System (MFDS) forIndigenously Produced Aircraft	Dec-21
23	Instant Fire Detection and Suppression System (IFDSS) for Tanks	Dec-21
25	10 W Power Amplifier (L Band and X Band) for Tropo Upgradation	Dec-21
26	2KW & 4 KW Power Amplifiers (L Band) for Tropo Upgradation	Dec-21
27	LED Based Taxy, Landing & Navigatin Lights	Dec-21
32	Land Based Medium Power Radar	Dec-21
33	Armoured Engineer Recce Vehicle (AERV)	Dec-21
34	Armoured Recovery and Recce Vehicle (AERV)	Dec-21
35	Upgraded Intergrated Air Command and Control System	Dec-21
36	Composite Sonar Dome for Ships	Dec-21
37	Processor Based Ground Mine (PBGm)	Dec-21
38	Processor Based Moored Mine (PBMM)	Dec-21
44	Land Based MRSAM Weapon System	Dec-21
<b>With Effect from Dec 2022</b>		
52	Data Network for Ships	Dec-21
55	Thermal Imaging (TI) sight for Small Arms (Aslt Rif, LMG,MMG&RL)	Dec-21
56	Image Intensifier (II) Sight for Arms (Aslt Rif, LMG&CQB carbine)	Dec-21
57	Day Sight for Small arms including Telescopic&Reflex sight (Asit Rif, LMG &	Dec-21
59	Rocket RGB-60 HE with Fuse	Dec-21
60	Rocket RCG-60 Practice	Dec-21
61	Rocket RCG-12 HE with Fuse k3m	Dec-21
62	Rocket RCG-12 Practice	Dec-21
63	80 MM Tandem Warhead Rocket	Dec-21
64	Software Defined Radio (Manpack)	Dec-21

Sl.No. PIL	Description	Indicative Year
<b>With Effect from Dec 2023</b>		
72	Software Defined Raadio (Hand Held)	Dec-23
73	Mountain Weapon Locating Radar (AESA Based)	Dec-23
74	Transportable Ku-band Tropscatter Communication	Dec-23
75	Smart Anti Airfield Weapon (SAAW) Mk-I	Dec-23
76	GPS&GIS Based Minefield Recording System (Land Based)	Dec-23
78	Loitering Munitions up to 50 km Range & 25kg Payload	Dec-23
81	Laser ordance Disposal System	Dec-23
84	Ship Borne 1 KW High Frequency Trans-receiver	Dec-23
85	IFF MK XII-S	Dec-23
86	L 70 Intergrated Air Defence Compact Simulator (IADCS) for Army Air Defence System	Dec-23
<b>With Effect from Dec 2024</b>		
88	Long Range Glide Bomb (250Kg &450 Kg)	Dec-24
89	40MM (Multi Grenade Launcner) Ammunition	Dec-24
90	Limpet Mines (7Kg & 15Kg)	Dec-24
91	Geneal Purpose Bomb (500 kg) for Fighters	Dec-24
92	125 kg General Purpose Bomb (NATO Standard)	Dec-24
93	Aerial Fuse for Mk-80 Series Bombs	Dec-24
94	Medium Power Radar for Mountain up to 300 Km for Air Force	Dec-24
98	D-29 Unified Receiver Exciter Processor (UREP) Based EW Suite	Dec-24
<b>With Effect from Dec 2025</b>		
105	Network Centric Operation (NCO) Application for Software Defined Radio (SDR)	Dec-25
107	Air Data Computer for Trainer Aircraft	Dec-25

**BEL - 29 ITEMS****3rd POSITIVE INDIGENIZATION LIST OF 101 ITEMS**

<b>Sl No.</b>	<b>Name of Item</b>	<b>Indicative Year</b>
1.	Long Range Reconnaissance & Observation System(LORROS) upto 30 Km	Dec-22
2.	Weapon Locating Radar (Plain & Desert) upto 30 Km	Dec-22
11.	Intercom System for Ships & Submarines	Dec-22
15.	IAC Mod 'C' for Ships	Dec-22
16.	Link II Mod III for Ships &Submarines	Dec-22
17.	Naval Anti-Drone System (NADS)	Dec-22
18.	Radar Finger Print System for ELINT Application	Dec-22
23.	Light Weight ESM System for small Ships	Dec-22
24.	3D C/D Band Radar for Ships	Dec-22
26.	COMINT (Ship Based)	Dec-22
30.	Ship Based Medium Range Surface to Air Missile (MRSAM)	Dec-22
36.	Counter Drone System (Hard Kill)	Dec-22
37.	Counter Drone System (Soft Kill)	Dec-22
38.	Mini & Small Range UAV/Drone with Range of 100 Kms, Altitude of 4000m (Land Based)	Dec-23
40.	Thermal Imaging (TI) Sight for Automatic Grenade System/ Automatic Grenade Launcher (AGS/AGL)	Dec-23
44.	Helo Deck Communication System	Dec-23
53.	Anti Submarine Warfare (ASW) Sonar for Shallow Water	Dec-24
55.	Range Extension Kit (REK) for 250 Kg High Speed ( HS) Bomb	Dec-24
68.	Land Based Tactical Communication System	Dec-25
72.	Radar Warning Receiver (RWR) for Su-30 MKI	Dec-25
73.	Radar Warning Receiver (RWR) for Mi-17 & Mi-17 IV	Dec-25
74.	Instrumented Electronic Warfare Range (IEWR)	Dec-25
77.	Digital Instant Fire Detection Suppression System (DIFDSS) for Infantry Combat Vehicles	Dec-26
79.	Battle Field Surveillance Radar (Range 30 KM)	Dec-26
80.	Operational Control System for Air Defence Weapon for Army (Project AKASHTEER)	Dec-26
83.	High Endurance Autonomous Underwater Vehicle	Dec-26
84.	Mine Counter Measure (Autonomous Surface Vessel)	Dec-26
89.	Medium Altitude Long Endurance (MALE) Unmanned Aerial Vehicles (UAV)	Dec-26
92.	Infrared Search & Track (IRST) for Su-30	Dec-26

Subject **BEL Reply PQ RS SQ No. 1634 - Inputs for Rajya Sabha Question Dy. No. 1634 for answer on 01.08.2022**  
 From MS/CO <mSCO@bel.co.in>  
 To <vijay.kumar28@gov.in>  
 Cc <poms-ddp-mod@nic.in>, cmdps\_delhi <cmdps\_delhi@bel.co.in>, <cmd@bel.co.in>, MANOJ YADAV . <manojyadav@bel.co.in>  
 Date 2022-07-21 17:34



- BEL - PQ Rajya Sabha SQ Dy No1634 .docx(~52 KB)
- BEL Reply PQ RS SQ 1634-Manufacturing of indigenous defence equipments.pdf(~1.9 MB)

महोदय Sir,

With reference to PQ RS SQ No.1634 regarding 'Manufacturing of indigenous defence equipments', the information i.r.o BEL is attached for kind perusal.

--  
 सादर Regards,  
 अमरजीत सिंह Amarjeet Singh BK  
 प्रबंधक Manager  
 प्रबंधन सेवाएं Management Services  
 कारपोरेट कार्यालय Corporate Office  
 भारत इलेक्ट्रॉनिक्स लिमिटेड Bharat Electronics Limited  
 बंगलोर Bangalore - 560045  
 दूरभाष Phone : 080 25039322  
 फैक्स Fax : 080 25039234  
 ईमेल Email : [amarjeetsinghbk@bel.co.in](mailto:amarjeetsinghbk@bel.co.in)

----- Original Message -----

**Subject:**Inputs for **Rajya Sabha Question Dy. No. 1634** for answer on 01.08.2022

**Date:**2022-07-20 14:29

**From:**Chandandeep Singh <poms-ddp-mod@nic.in>

**To:**"Sanjeev Kishore" <Sanjeevkishore.ofb@ofb.gov.in>, "Rajesh Choudhary" <Rajeshchoudhury.ofb@ofb.gov.in>, "Cmde Siddharth Mishra(Retd)" <cmdbdl@bdl-india.in>, "CMD BEL Anandi Ramalingam" <cmd@bel.co.in>, "CMD BEML Amit Banerjee" <cmd@beml.co.in>, "v.k.tiwari" <Vktiawari.ofb@ofb.gov.in>, "CMD GRSE Rr Adm V K Saxena" <cmd@grse.co.in>, "CMD GSL Cmde BB Nagpal" <cmd@goashipyard.com>, "K S SHANKARA" <chso@hal-india.co.in>, "CMDE HEMANT KHATRI CMD, HSL" <cmd@hslvizag.in>, "SANJIV KUMAR" <sanjivkumar.ofb@ofb.gov.in>, chmd@mazdock.com, "Chairman and Managing Director MIDHANI" <cmd@midhani.gov.in>, "Ravi Kant" <Ravikant.ofb@ofb.gov.in>, "CMD TCL S K Sinha" <sksinha1073@gmail.com>, "RAJEEV PURI" <Rajeevpuri.ofb@ofb.gov.in>, "Export Promotion Cell DDP" <epc@ddpmod.gov.in>, "urmila rawat" <dsdip.ddp@ddpmod.gov.in>

Dear Sir/Madam,

This is wrt Rajya Sabha Dy. No. 1634 regarding "**Manufacturing of indigenous defence equipments**" for answer on 01.08.2022. Text of PQ is as below: -

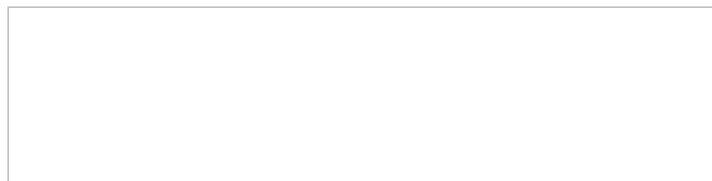
Will the Minister of DEFENCE ,

(a) Government has taken various steps to become self-reliant in respect of manufacturing of indigenous defence equipment's and weapons under Make in India during the last few years as per the defence requirements of the country, is so, the current status thereof; and

(b) whether it is a fact that the due to such steps, it has resulted in the increase of export of weapons, if so, the details thereof?

--  
 Kind Regards,

**Chandandeep Singh**  
 Planning Officer (MS)  
 Directorate of Planning & Coordination  
 Department of Defence Production  
 Room No 402, 'C' Block, Ministry of Defence Complex  
 KG Marg ( Near CSOI ), New Delhi- 110001  
 Location : <https://goo.gl/maps/hLzaiMztfpsuD7YN9>  
 Tel: 011- 23076619  
 Fax: 011-23073032



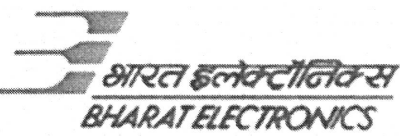
--  
 Thank you,

with regards,

अवधेश कुमार सिंह /Awadhesh Kumar Singh



The Assistant Section Officer  
D (Coord/DDP)  
Department of Defence Production  
Ministry of Defence, Government of India  
New Delhi – 110 011, Tele/Fax: 2301 1468  
Mob: +91 - 09717889481  
e-mail: [vijay.kumar28@gov.in](mailto:vijay.kumar28@gov.in)  
[ndcd-ddp@ord.gov.in](mailto:ndcd-ddp@ord.gov.in)  
**Kind Attn: Shri. Vijay Kumar**



**भारत इलेक्ट्रॉनिक्स लिमिटेड**

(भागत सरकार का उद्यम, रक्षा मंत्रालय)

पंजीकृत कार्यालय

आउटर रिंग रोड, नागवारा, बेंगलूर - 560 045, भारत

**Bharat Electronics Limited**

(A Govt. of India Enterprise, Ministry of Defence)

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वेब/Web : [www.bel-india.com](http://www.bel-india.com)

18880/1A/GOV/PQ/MS/1634

Date: 21.07.2022

महोदय Respected Sir,

**Sub:** PQ Rajya Sabha SQ Dy. No.1634 regarding 'Manufacturing of indigenous defence equipments'

With reference to MoD mail dated 20.07.2022 on the above subject, the information i.r.o BEL is furnished below:

**a) Government has taken various steps to become self-reliant in respect of manufacturing of indigenous defence equipment's and weapons under Make in India during the last few years as per the defence requirements of the country, if so, the current status thereof;**

**BEL's Comment:** BEL strongly believes that achieving Self-reliance is one of the prime objectives to meet the strategic needs of the nation. Towards this endeavour, around 80% of the company's turnover is generated from indigenous technology.

In line with Government's "Make in India" policy, BEL has been taking several initiatives to achieve Self-Reliance through strong thrust on In-house R&D and Indigenization, Increased outsourcing from Indian Private industries, Public Private Partnerships, Joint Ventures, Capacity expansion, Infrastructure Development & modernization etc. Major initiatives taken towards achieving the goals of indigenization & self-reliance include:

- Continuous product development through In-house R&D efforts, Joint development by partnering with DRDO, National R&D Labs & Academia and Collaborative R&D partnership with Indian private sector (MSMEs/Start-ups) & foreign OEMs/Design houses.
- ToT based In-depth manufacturing from foreign OEMs.
- Import substitution of critical sub-systems through in-house/domestic vendor development.
- Three years R&D plan for Indigenous development
- Outsourcing & Vendor Development Policy
- Test facilities for use by Indian Private entities
- EOIs published for imported items under Make-II to attract capable/prospective domestic manufacturers for indigenization.
- Details of items planned for indigenization uploaded on 'Srijan Portal', Indigenization portal of MoD.

**DPSUs Positive Indigenization List:**

1st DPSUs Positive Indigenization List (PIL) consists of 2 parts: 2500 items (already indigenized) comprising of 152 items of BEL & 351 items (to be indigenized in next 3 years) comprising of 18 items of BEL during Dec 2021. 2nd DPSUs Positive Indigenization list was released during March 2022 comprising of 107 major LRUs/Subsystems across various segments. BEL has 21 major LRUs/Subsystems in the 2nd DPSUs Positive Indigenization list which are under Make-II scheme and EoIs have already been published for the same.

**b) Whether it is a fact that the due to such steps, it has resulted in the increase of export of weapons, if so, the details thereof?**

**BEL's Comment:** Details of Exports during last 3 years are as below:

Year	Export Sales (US\$M)	Products	Countries
2019-20	48.59	Coastal Surveillance System, Data Link II, EOS CoMPASS, IFF-I Mk-XI, Radar Finger Printing System, Communication Equipments, TR Modules, Vacuum Interrupters, Mechanical Parts, Cable Looms, Radar Spares, Sub Assembly of Radar & EW Systems, Assemblies and Sub-Assemblies of Missile systems, Shelter Spares, Electronic Fuzes, etc.	USA, France, Israel, Germany, Switzerland, Sweden, ASEAN, China, Republic of Armenia, Maldives, Indonesia, Srilanka, Turkey and Bhutan.
2020-21	51.93		
2021-22	33.30		

सधन्यवाद Thanking you,

भवदीय Yours faithfully,

कृते भारत इलेक्ट्रॉनिक्स लि for Bharat Electronics Ltd



(मनोज यादव Manoj Yadav)

अपर महा प्रबंधक (प्र.से.) AGM (Management Services)

**From:** "Defence Industrial Corridors" <def-corridor@ddpmod.gov.in>  
**To:** "cmd" <cmd@bel.co.in>  
**Cc:** "Deepika Lohia Aran" <deepika.lohia@nic.in>, "Hitesh ." <hiteshsingh@ord.gov.in>  
**Sent:** Tuesday, January 24, 2023 3:04:06 PM  
**Subject:** Urgent: Parliament STARRED Question Dy. No. 588 for answer in Lok Sabha.

Dear Sir/Madam,

Department of Defence Production is in receipt of Parliament **STARRED** Question **Dy. No. 588** for answer in Lok Sabha.

2. To prepare Note for Answering Supplementary, inputs are requested on following points.

- (a) What are the major production items manufacturing in Hyderabad unit?
- (b) What was the production target achieved by Hyderabad unit in Fy 2021-22?
- (c) What is the production target of Hyderabad unit for FY 2022-23?
- (d) Whether any new investment/ Project undertaken in Hyderabad. If yes please give the details.

Regards,  
Defence Investment & Corridors Cell (DICC)  
Department of Defence Production  
Govt. of India, Ministry of Defence  
Tel:011-23075006, 23074771, 23074773

--

Thank you,

with regards,

अवधेश कुमार सिंह /Awadhesh Kumar Singh

स्टाफ अधिकारी सीएमडी / Staff Officer to CMD  
भारत इलेक्ट्रॉनिक्स लिमिटेड Bharat Electronics Limited

**Top Priority - Parliament**

Defence Investment & Corridors Cell (DICC)  
Department of Defence Production  
Ministry of Defence  
New Delhi-110001  
Tel: 011-23075006 / 4771 / 4773  
email: [def-corridor@ddpmod.gov.in](mailto:def-corridor@ddpmod.gov.in)

**भारत इलेक्ट्रॉनिक्स लिमिटेड**  
(भारत सरकार का उद्यम, रक्षा मंत्रालय)  
पंजीकृत कार्यालय  
आउटर रिंग रोड, नागवारा, बेंगलूर - 560 045. भारत  
**Bharat Electronics Limited**  
(A Govt. of India Enterprise, Ministry of Defence)  
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वेब/Web : [www.bel-india.com](http://www.bel-india.com)  
18880/1A/GOV/PQ/MS/588  
25.01.2023

महोदय Sir,

**विषय Sub:** PQ Starred Dy. No.588 for answer in Lok Sabha

With reference to MoD e-mail dated 24.01.2023 on the above subject, the information i.r.o BEL is furnished below:

**(a) What are the major production items manufacturing in Hyderabad Unit?**

**BEL Comment:** Hyderabad Unit of BEL specializes in manufacturing of Land based and Naval based Electronic Warfare systems.

**(b) What was the production target achieved by Hyderabad unit in FY 2021-22?**

**BEL Comment:** The production target achieved by Hyderabad Unit of BEL during 2021-22 is Rs.1168 Cr.

**(c) What is the production target of Hyderabad unit for FY 2022-23?**

**BEL Comment:** The production target of Hyderabad Unit for 2022-23 is Rs.1380 Cr.

**(d) Whether any new investment/Project undertaken in Hyderabad. If yes please give the details.**

**BEL Comment:** A capital expenditure of **Rs.153.87 Cr** was incurred in the recent past towards setting up of Manufacturing facility and infrastructure by BEL, Hyderabad.

सधन्यवाद / Thanking you,

भवदीय Yours faithfully,  
कृते भारत इलेक्ट्रॉनिक्स लि. for Bharat Electronics Ltd

  
(मनोज यादव Manoj Yadav)

अपर महा प्रबंधक (प्र.से.) AGM (Management Services)

Subject **BEL Reply - Parliament Question Dy No. 1471 for answer in Rajya Sabha on 06.02.2023**  
From msco <msco@bel.co.in>  
To Chandandeep Singh <poms-ddp-mod@nic.in>  
Cc <cmdps\_delhi@bel.co.in>, cmd <cmd@bel.co.in>, Manoj Yadav <manojyadav@bel.co.in>  
Date 2023-01-27 10:04



- BEL Reply - Parliament Question Dy No. 1471 for answer in Rajya Sabha on 06.02.2023.pdf(~2.0 MB)
- BEL Reply PQ 1471.doc(~71 KB)

महोदय Sir,

With reference to PQ Qn. Dy. No. 1471 for answer in Rajya Sabha on 06.02.2023, the information i.r.o BEL is attached for kind perusal.

--

सादर Regards,  
अमरजीत सिंह Amarjeet Singh BK  
प्रबंधक Manager  
प्रबंधन सेवाएं Management Services  
कारपोरेट कार्यालय Corporate Office  
भारत इलेक्ट्रॉनिक्स लिमिटेड Bharat Electronics Limited  
बैंगलोर Bangalore - 560045  
दूरभाष Phone : 080 25039322  
फैक्स Fax : 080 25039234  
ईमेल Email : [amarjeetsinghbk@bel.co.in](mailto:amarjeetsinghbk@bel.co.in)

On 25.01.23 11:35 AM, Chandandeep Singh wrote:

**CAUTION:** This email originated outside of the **BHARAT ELECTRONICS**. **AVOID CLICKING** on links or attachments unless you are certain the sender is trustworthy and the content is secure.

Dear Sir/Madam,

This is wrt **Rajya Sabha Dy. No. 1471** for answer on 06.02.2023. Text of PQ is as below: -

Will the Minister of DEFENCE,

- (a) the details of steps taken to manufacture indigenous defence equipments and weapons during the last three years and by when it has been targeted to manufacture indigenous weapons as per the defence requirements of the country;
- (b) whether it is a fact that the steps being taken to become self-reliant in respect of weapons for indigenous manufacturing resulting in the increase of export of weapons year-by year; and
- (c) the details thereof?

It is requested to kindly provide inputs to this office, latest by i.e. 27.01.2023 (02.00 PM) to submit reply in time.

--

Kind Regards,

**Chandandeep Singh**  
Dy Dir General &  
Planning Officer (MS)  
Directorate of Planning & Coordination  
Department of Defence Production  
Room No 402, 'C' Block, Ministry of Defence Complex  
KG Marg ( Near CSOI) , New Delhi- 110001  
Location : <https://goo.gl/maps/hLzaiMztfpsuD7YN9>  
Tel: 011- 23076619  
Fax: 011-23073032

**Top Priority - Parliament**

Dy. Director General &  
-Planning Officer (MS)  
Directorate of Planning & Coordination  
Department of Defence Production  
Ministry of Defence, New Delhi-110001  
Tel: 011-23076619, 23073032  
Email: [poms-ddp-mod@nic.in](mailto:poms-ddp-mod@nic.in)  
**Kind Attn: Shri. Chandandeep Singh**



**भारत इलेक्ट्रॉनिक्स**  
**BHARAT ELECTRONICS**

**भारत इलेक्ट्रॉनिक्स लिमिटेड**

(भारत सरकार का उद्यम, रक्षा मंत्रालय)

पंजीकृत कार्यालय

आउटर रिंग रोड, नागवारा, बेंगलूर - 560 045, भारत

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वेब/Web : [www.bel-india.com](http://www.bel-india.com)

18880/1A/GOV/PQ/MS/1471

25.01.2023

महोदय Sir,

**विषय Sub:** Parliament Question Dy No. 1471 for answer in Rajya Sabha on  
06.02.2023

With reference to MoD e-mail dated 25.01.2023 on the above subject, the information i.r.o BEL is furnished below:

**a) the details of steps taken to manufacture indigenous defence equipments and weapons during the last three years and by when it has been targeted to manufacture indigenous weapons as per the defence requirements of the country;**

**BEL comment:** Government of India has come out with policies to encourage indigenous design, development and manufacture of defence equipment in India. In line with the Government's Atma Nirbhar Bharat initiatives, BEL is diversifying into multiple areas in order to meet the Defence customers' requirements and also to provide cost effective indigenous products and innovative solutions.

In this regard, BEL has been continuously investing in modernization and creation of special infrastructure to cater for the emerging business opportunities. Some of this include, new infrastructure for Naval weapon Systems, Seeker Systems, Electro Optics Systems and Manufacturing line for Next Generation Battery Solutions for Strategic applications (BEL-Pune). Along with this, BEL is setting up Greenfield projects at Nimmaluru (AP) plant for Electro Optics, Ibrahimpatnam (Telangana) for Electronic Warfare Systems, Devanahalli (Karnataka) for Aerospace Products and Systems, Electronic Fuzes and Ammunitions at Nagpur (Maharashtra).

In addition to this, BEL has been expanding its Regional Product Support Center (RPSC) network in pan India near customer's locations (Guwahati, Bagdogra, Jammu, Bathinda, Vadsar, Jodhpur, Chandigarh, Sullur, Port Blair and Allahabad, Leh).

It is BEL's constant efforts towards indigenous development that has led BEL to achieve 78% of the turnover on average from indigenous products during 2021-22.

**b) whether it is a fact that the steps being taken to become self-reliant in respect of weapons for indigenous manufacturing resulting in the increase of export of weapons year-by year; and**

**c) the details thereof?**

**BEL Comment:** Under the Atma Nirbhar Bharat regime, which has given boost to indigenous contents in the products being manufactured in BEL and which in turn resulted in cost reductions of final products being sold, BEL is able to get more opportunities for participating in the international bids/leads and which is showing positive trends increasing the export business. However, BEL's Export sales have been fluctuating depending on various factors ranging from customers' demands to product line with BEL.

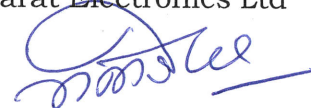
BEL's Export business during last 8 years is as below:

Year	Exports (MUSD)
2014-15	57.85
2015-16	85.00
2016-17	65.50
2017-18	26.24
2018-19	21.87
2019-20	48.59
2020-21	51.93
2021-22	33.30

सधन्यवाद / Thanking you,

भवदीय Yours faithfully,

कृते भारत इलेक्ट्रॉनिक्स लि. for Bharat Electronics Ltd



(मनोज यादव Manoj Yadav)

अपर महा प्रबंधक (प्र.से.) AGM (Management Services)

Subject **BEL Reply 966-Statement of Facts-Parliament Question Dy No. 966 for answer in Rajya Sabha on 06.02.2023**  
 From mscsco <msco@bel.co.in>  
 To Chandandeep Singh <poms-ddp-mod@nic.in>  
 Cc <cmdps\_delhi@bel.co.in>, cmd <cmd@bel.co.in>, Manoj Yadav <manojyadav@bel.co.in>  
 Date 2023-01-27 10:38



- BEL Reply 966-Statement of Facts-PQ Dy No. 966 for answer in Rajya Sabha on 06.02.2023.pdf(~2.7 MB)
- BEL Reply PQ RS 966.doc(~94 KB)

महोदय Sir,

With reference to PQ RS Qn. No. 966 for answer on 06.02.2023', the information i.r.o BEL is attached for kind perusal.

--

सादर Regards,  
 अमरजीत सिंह Amarjeet Singh BK  
 प्रबंधक Manager  
 प्रबंधन सेवाएं Management Services  
 कारपोरेट कार्यालय Corporate Office  
 भारत इलेक्ट्रॉनिक्स लिमिटेड Bharat Electronics Limited  
 बैंगलोर Bangalore - 560045  
 दूरभाष Phone : 080 25039322  
 फैक्स Fax : 080 25039234  
 ईमेल Email : [amarjeetsinghbk@bel.co.in](mailto:amarjeetsinghbk@bel.co.in)

----- Original Message -----

**Subject:**Statement of Facts-Parliament Question Dy No. 966 for answer in Rajya Sabha on 06.02.2023

**Date:**2023-01-24 13:50

**From:**Chandandeep Singh <poms-ddp-mod@nic.in>

**To:**"Rajesh Choudhary" <Rajeshchoudhury.ofb@ofb.gov.in>, "Cmde Siddharth Mishra(Retd)" <cmdbdl@bdl-india.in>, "CMD BEL Anandi Ramalingam" <cmd@bel.co.in>, "CMD BEML Amit Banerjee" <cmd@beml.co.in>, "v.k.tiwari" <Vktiwari.ofb@ofb.gov.in>, "CMD GRSE Rr Adm V K Saxena" <cmd@grse.co.in>, "CMD GSL Cmde BB Nagpal" <cmd@goashipyard.com>, "K S SHANKARA" <chso@hal-india.co.in>, "CMDE HEMANT KHATRI CMD, HSL" <cmd@hslvizag.in>, "SANJIV KUMAR" <sanjivkumar.ofb@ofb.gov.in>, chmd@mazdock.com, "Chairman and Managing Director MIDHANI" <cmd@midhani.gov.in>, "Ravi Kant" <Ravikant.ofb@ofb.gov.in>, "CMD TCL S K Sinha" <sksinha1073@gmail.com>, "RAJEEV PURI" <Rajejvपुरी.ofb@ofb.gov.in>, "CMD Avnl" <cmd@avnl.co.in>

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Dear Sir/Madam,

This is wrt **Rajya Sabha Dy. No. 966** for answer on 06.02.2023. Text of PQ is as below: -

Will the Minister of DEFENCE,

- the achievements made by the Government in manufacturing of defence equipments under "Make in India scheme" in the last eight years;
- whether it is proposed to set up any factory in Haryana under "Make in India" scheme in the field of defence equipment manufacturing, if so, the details thereof;
- whether the Government has succeeded in reducing import of defence equipments, if so, the details thereof; and
- whether the export of arms made under "Make in India" scheme is increasing in the last eight years; if so, year-wise details thereof?

It is requested to kindly provide inputs for part (a) i.e. big platforms, to this office latest by **today** i.e. **24.01.2023 (03.00 PM) to submit Statement of Facts in time.**

--

Kind Regards,

**Chandandeep Singh**  
 Dy Dir General &  
 Planning Officer (MS)  
 Directorate of Planning & Coordination  
 Department of Defence Production  
 Room No 402, 'C' Block, Ministry of Defence Complex  
 KG Marg ( Near CSOI ), New Delhi- 110001  
 Location : <https://goo.gl/maps/hLzaiMztfpsuD7YN9>  
 Tel: 011- 23076619  
 Fax: 011-23073032

**Top Priority - Parliament**

Dy. Director General &  
-Planning Officer (MS)  
Directorate of Planning & Coordination  
Department of Defence Production  
Ministry of Defence, New Delhi-110001  
Tel: 011-23076619, 23073032  
Email: [poms-ddp-mod@nic.in](mailto:poms-ddp-mod@nic.in)

**Kind Attn: Shri. Chandandeep Singh**

भारत इलेक्ट्रॉनिक्स लिमिटेड

(भारत सरकार का उद्यम, रक्षा मंत्रालय)

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18880/1A/GOV/PQ/MS/966

27.01.2023

महोदय Sir,

**विषय Sub:** Statement of Facts - PQ Rajya Sabha Dy. 966 for answer on  
06.02.2023

With reference to MoD e-mail dated 24.01.2023 on the above subject, the information i.r.o BEL is furnished below:

**(a) The achievements made by the Government in manufacturing of defence equipments under "Make in India scheme" in the last eight years;**

**BEL Comment:** The indigenous Defence equipments/products manufactured by BEL in the last 8 years are:

Sl No	Project/System	Appx value of Delivery (Rs Cr)
1	Integrated Air Command Control System	4612
2	Akash Missile Systems	4475
3	Weapon Locating Radar	2143
4	Lynx U2 Naval Gun Fire Control Systems	1240
5	3D Tactical Control Radar	1146
6	Ground Based Mobile Elint System for Airforce	935
7	Humsa NG, USHUS	820
8	L-70 Gun Upgrade	747
9	Low Intensity Conflict EW System (LIC EWS)	721

Sl No	Project/System	Appx value of Delivery (Rs Cr)
10	Ship Data Network	720
11	Schilka upgrade with 3D Radar	690
12	Tropo Communication for Army	653
13	Advanced Composite Communication Systems	643
14	Digital Flight Control Computer (DFCC) & Avionics for Light Combat Aircraft (LCA)	600
15	Shipborne ESM and ECM Systems (Varuna)	435
16	Coastal Surveillance System – Phase 2	424
17	Combat Management Systems (CMS) for ships	315
18	Battlefield Surveillance System (BSS) for Army	225
19	Software Defined Radio (SDR) for Navy	190
20	Identification of Friend or Foe (IFF) for Army	108
21	Commander TI Sights	100
22	Ellora Mk-II	87
23	Nuclear Biological & Chemical -Reconnaissance Vehicle (NBC RV)	82
24	EW Suite for Ships (Shakti &Nayan)	80
25	Electro Optics Fire Control System (EOFCS)	73
26	Instant Fire Detection & Suppression System (IFDSS)	64
27	Link II MOD III for Navy	38
28	Low Level Light Weight Radar-LLLWR (Aslesha / Bharani)	38
29	Encryption products meeting Telecom standards	31

**(b) Whether it is proposed to set up any factory in Haryana under “Make in India” scheme in the field of defence equipment manufacturing, if so, the details thereof;**

**BEL Comment:** BEL set up a manufacturing unit in Panchkula, Haryana in the year 1985, which specializes in manufacturing of following products/equipments:

- Tactical Communication
- Jammers
- Avionics (HUD)
- EV Charging Stations

There are no plans of setting up an additional factory by BEL in Haryana currently.

**(c) whether the Government has succeeded in reducing import of defence equipments, if so, the details thereof; and**

**BEL Comment:** It is BEL's constant effort towards indigenous development that has led to achieve 78% of its turnover from indigenous products during 2021-22.

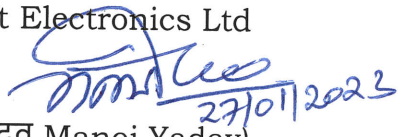
**(d) whether the export of arms made under "Make in India" scheme is increasing in the last eight years; if so, year-wise details thereof?**

**BEL Comment:** Under the Atma Nirbhar Bharat regime, which has given boost to indigenous contents in the products being manufactured in BEL and which in turn resulted in cost reductions of final products being sold, BEL is able to get more opportunities for participating in the international bids/leads and which is showing positive trends increasing the export business. However, BEL's Export sales have been fluctuating depending on various factors ranging from customers' demands to product line with BEL. BEL's Export business during last 8 years is as below:

Year	Exports (MUSD)
2014-15	57.85
2015-16	85.00
2016-17	65.50
2017-18	26.24
2018-19	21.87
2019-20	48.59
2020-21	51.93
2021-22	33.30

सधन्यवाद / Thanking you,

भवदीय Yours faithfully,  
कृते भारत इलेक्ट्रॉनिक्स लि. for Bharat Electronics Ltd

  
(मनोज यादव Manoj Yadav)  
अपर महा प्रबंधक (प्र.से.) AGM (Management Services)

Subject **BEL Reply PQ LS - Provisionally Admitted Lok Sabha St. Qn Dy No. 121 regarding Achievements made in Defence Sector for answer on 02.02.2024.**

From MS/CO <mSCO@bel.co.in>

To <ddms-pnc-ddp@ddpmod.gov.in>

Cc <dirpnc-ddp@nic.in>, Cmdps Delhi <cmdps\_delhi@bel.co.in>, <cmd@bel.co.in>, Manoj Yadav . <manojyadav@bel.co.in>

Date 2024-01-25 11:23

Priority Highest



- BEL Reply PQ 121 - Achievements made in Defence sector under Make in India.pdf(~1.2 MB)
- BEL Reply PQ 121\_Achievements made in Defence sector under Make in India - RE - Copy.docx(~57 KB)

महोदय Sir,

With reference to PQ LS SQ No.121 regarding 'Achievements made in Defence Sector ', the information i.r.o BEL is attar

--  
सादर Regards,  
अमरजीत सिंह Amarjeet Singh BK  
प्रबंधक Manager  
प्रबंधन सेवाएं Management Services  
कारपोरेट कार्यालय Corporate Office  
भारत इलेक्ट्रॉनिक्स लिमिटेड Bharat Electronics Limited  
बैंगलोर Bangalore - 560045  
दूरभाष Phone : 080 25039322  
फैक्स Fax : 080 25039234  
ईमेल Email : [amarjeetsinghbk@bel.co.in](mailto:amarjeetsinghbk@bel.co.in)

----- Original Message -----

**Subject:**Fwd: **Provisionally Admitted Lok Sabha Starred Question Dy No. 121** regarding "Achievements made in Defence Sector" for answer on 02.02.2024.

**Date:**2024-01-24 13:35

**From:**Amit Kumar <ddms-pnc-ddp@ddpmod.gov.in>

**To:**"C MD Secretariat" <cmdoffice@hslvizag.in>, mSCO@bel.co.in, cmd@bel.co.in, dpoice2.mod@nic.in

**Cc:**"Chandandeep Singh" <dirpnc-ddp@nic.in>

**CAUTION: This email originated outside of the BHARAT ELECTRONICS. AVOID CLICKING on links or attachments unless you are certain the sender is trustworthy and the content is secure.**

MOST URGENT

Dear Sir,

This is wrt **Provisionally Admitted Lok Sabha Starred Question Dy No.121 regarding "Achievements made in Defence Sector" for answer on 02.02.2024.** Text of PQ is as below: -

i). The details of the new achievements made by the Government during the last four years and current financial year in the defence sector in accordance with 'Make in India' initiative; and

ii). The details of the action plan being formulated by the Government for the next five years in this regard?

2. It is requested that inputs in respect of each part of above mentioned PQ may kindly be provided to this office latest by **24.01.2024 (1700 Hrs) positively** so that reply to the question is submitted in time.

Kind Regards,

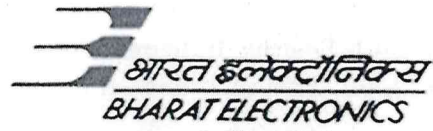
Amit Kumar

Dy. Director (MS)  
O/o PO(MS)Division  
Directorate of Planning & Coordination  
Department of Defence Production/MoD  
Room No. 416, "C-block" Ministry of Defence Complex  
K.G. marg (near CSO), New Delhi-110001  
Location: <http://goo.gl/maps/hLzaiMztfpsuD7YN9>  
Tel: 011-23076619, 23385063  
Fax: 011-23073032



Dy. Director (MS)  
O/o. PO (MS)  
Directorate of Planning & Coordination  
Department of Defence Production  
Ministry of Defence, Government of India  
New Delhi-110001  
Ph: 011-23076619 / 23385063  
Fax: 011-23073032  
Email: [ddms-pnc-ddp@ddpmod.gov.in](mailto:ddms-pnc-ddp@ddpmod.gov.in)

**ध्यानार्थ Kind Attn:** Shri. Amit Kumar



**भारत इलेक्ट्रॉनिक्स लिमिटेड**  
(भारत सरकार का उद्यम, रक्षा मंत्रालय)  
पंजीकृत कार्यालय  
आउटर रिंग रोड, नागवारा, बेंगलूर - 560 045, भारत  
**Bharat Electronics Limited**  
(A Govt. of India Enterprise, Ministry of Defence)  
Registered Office  
Outer Ring Road, Nagavara  
Bangalore - 560 045, INDIA  
फोन/Phone : +91(080) 25039277  
फैक्स/Fax : +91(080) 25039234  
वेब/Web : [www.bel-india.com](http://www.bel-india.com)

18880/1A/GOV/PQ/MS/121  
25.01.2024

महोदय Sir,

**विषय Sub:** PQ Lok Sabha St. Qn. Dy. No. 121 regarding Achievements made in Defence Sector

With reference to MoD e-mail dated 24.01.2024 on the above subject, the information i.r.o BEL is furnished below:

**i) The details of the new achievements made by the Government during the last four years and current financial year in the defence sector in accordance with 'Make in India' initiative;**

**BEL Reply:**

**Make-II**

EOI for 96 items under Make-II have been published on BEL's e-Procurement portal to attract capable/prospective domestic manufacturers for indigenization. Responses were received for 54 items. Project Sanction Orders (PSO) have been placed for 49 items. 14 items have been indigenized.

**Services/DMA Positive Indigenization List**

- MoD has so far released 4 Positive Indigenisation Lists (PIL) of defence weapons and equipment which would not be imported.
- The first Positive Indigenisation list comprising of 101 items was promulgated in August 2020. This includes 12 projects pertaining to BEL.
- The second Positive Indigenisation List comprising of 108 items was promulgated in May 2021. This includes 17 projects pertaining to BEL.
- The third Positive Indigenisation list comprising of 101 items was promulgated in April 2022. This includes 10 projects pertaining to BEL.
- The fourth Positive Indigenisation list comprising of 101 items was promulgated in Oct 2022. This includes 8 projects pertaining to BEL.

- The Fifth Positive Indigenization List comprising of 98 items was promulgated in Sep 2023. This includes 28 projects pertaining to BEL.

### **DPSUs Positive Indigenization List**

- DPSUs 1<sup>st</sup> Positive Indigenization List released in Dec 2021 consists of 2 parts:
  - a) 2500 items (already indigenized) of which 152 items pertain to BEL.
  - b) 351 items (to be indigenized) during next 3 years, of which 18 items pertain to BEL, 10 items have already been indigenized.
- Out of 107 items in DPSU II<sup>nd</sup> Positive Indigenization List (released in Mar 2022), 21 items of import value Rs 1768 Cr pertain to BEL. 8 items have already been indigenized.
- Out of 780 items in DPSU III<sup>rd</sup> Positive Indigenization List (released in Aug 2022), 69 items of import value Rs 222 Cr pertain to BEL. 10 items have already been indigenized.
- Out of 928 items in DPSU IV<sup>th</sup> Positive Indigenization List (released in May 2023), 9 items of import value Rs 317 Cr pertain to BEL. These 9 items have to be indigenized by 2028.
- Under the MoD's guidance, BEL and HAL have jointly funded & enabled setting up of **Defence Innovation Organisation (DIO)** as well as supporting **Innovation for Defence Excellence (iDEX)** initiatives.
- Start-up companies are being engaged by BEL through Defence India Start-up Challenge (DISC) under iDEX initiatives wherein problem statement/challenges are given by DPSUs/Armed Forces. Start-ups are selected for challenges based on their capabilities and funding will be done by DIO. As on date, 9 start-ups are engaged by BEL.
- 4 items of import value Rs 383 lakhs are targeted for indigenization through the **Coimbatore District Small Scale Industries Association (CODISSIA)** vendors. MoU has been signed with CODISSIA.
- 7 items of import value Rs 800 Lakhs are identified for indigenization through **Nashik Industries and Manufacturer's Association (NIMA)** vendors.

### **Import substitution since 2018-19**

<b>Year</b>	<b>No. of Items</b>	<b>Import Substitution (Rs Lakhs)</b>
2020 - 21	83	17000
2021 - 22	206	60000
2022 - 23	223	72000
2023 - 24 (upto 31.12.2023)	233	48500

**ii) The details of the action plan being formulated by the Government for the next five years in this regard?**

**BEL Reply :** BEL strongly believes that achieving self-reliance is one of the prime objectives to meet the strategic needs of the nation. Towards this endeavour, around 75% of the Company's turnover is generated from indigenous technology. In line with Government's "Make in India" policy, BEL has been taking several initiatives to achieve self-reliance through strong thrust on In-house R&D and Indigenisation, Increased outsourcing from Indian Private industries, Public Private Partnerships, Joint Ventures, Capacity expansion, Infrastructure Development & modernisation etc. Major initiatives taken towards achieving the goals of indigenisation & self-reliance include:

- Continuous product development through In-house R&D efforts, Joint development by partnering with DRDO, National R&D Labs & Academia and Collaborative R&D partnership with Indian private sector (MSMEs/Start-ups) & foreign OEMs/ Design houses.
- ToT based In-depth manufacturing from foreign OEMs.
- Import substitution of critical sub-systems through in-house/domestic vendor development.
- Three years R&D plan for Indigenous development.
- Outsourcing & Vendor Development Policy.
- Test facilities for use by Indian Private entities.
- EOIs published for imported items under Make-II to attract capable/prospective domestic manufacturers for indigenisation.
- Details of items planned for indigenisation uploaded on 'Srijan Portal', Indigenisation portal of MoD.

सधन्यवाद / Thanking you,

भवदीय Yours faithfully,  
कृते भारत इलेक्ट्रॉनिक्स लि. for Bharat Electronics Ltd

  
(मनोज यादव Manoj Yadav)  
अपर महा प्रबंधक (प्र.से.) AGM (Management Services)

Subject **BEL Reply PQ 1434: Inputs on Provisionally Admitted Unstarred question Dy. No. 1434 for answer on 29.11.2024 regarding Industrial Parks and large scale commercial industries in Telangana reg-**

From MS/CO <msco@bel.co.in>

To Atul Basumatary <atul.basumatary@nic.in>

Cc <so-coord2@ddpmod.gov.in>, cmd <cmd@bel.co.in>, cmdps delhi <cmdps\_delhi@bel.co.in>, Manojyadav <manojyadav@bel.co.in>

Date 2024-11-21 12:38



Respected Sir,

W.r.t the subject, information i.r.o BEL is as below:

a) Whether any Industrial Parks and large scale commercial industries are being set up in Telangana to boost trade and mitigate unemployment;  
b) If yes, details thereof;

BEL Reply: BEL has a manufacturing Unit at Hyderabad (Telangana) which is into manufacturing of Electronic Warfare projects for Naval as well as Land based systems. Additionally, a new factory is under construction at Ibrahimpatnam (Telangana) for Electronic Warfare - Land based systems which is expected to complete by Dec 2025.

c) Is there a report of Telangana Government's financial progress in terms of commerce/industry since 2023?

BEL Reply: Not in BEL's scope.

--

सादर Regards,  
Amarjeet Singh BK  
प्रबंधन सेवाएं Management Services  
कारपोरेट कार्यालय Corporate Office  
भारत इलेक्ट्रॉनिक्स  
लिमिटेड Bharat Electronics Limited  
बैंगलोर Bangalore - 560045  
दूरभाष Phone : 080 25039277  
फैक्स Fax : 080 25039234

----- Original Message -----

SUBJECT:  
Inputs on Provisionally Admitted **Unstarred question Dy. No. 1434** for answer on 29.11.2024 regarding Industrial Parks and large scale commercial industries in Telangana reg-

DATE:  
2024-11-21 11:34

FROM:  
Atul Basumatary <[atul.basumatary@nic.in](mailto:atul.basumatary@nic.in)>

TO:  
"CMD Avnl" <[cmd@avnl.co.in](mailto:cmd@avnl.co.in)>, "AWEIL" <[cmd@aweil.in](mailto:cmd@aweil.in)>, "GIL" <[corporate@glidersindia.in](mailto:corporate@glidersindia.in)>, [cmd@indiaoptel.in](mailto:cmd@indiaoptel.in), "CMD mil" <[cmdmil@munitionsindia.in](mailto:cmdmil@munitionsindia.in)>, "TCL" <[cmd@troopcomfortslimited.co.in](mailto:cmd@troopcomfortslimited.co.in)>, "YIL" <[cmdsecretariat.yilhq@yantraindia.co.in](mailto:cmdsecretariat.yilhq@yantraindia.co.in)>, "Cmde A Madhavarao" <[cmdbdl@bdl-india.in](mailto:cmdbdl@bdl-india.in)>, "BEL" <[cmd@bel.co.in](mailto:cmd@bel.co.in)>, "BEML" <[cmd@beml.co.in](mailto:cmd@beml.co.in)>, "COMMODORE PR HARI" <[cmd.grse@nic.in](mailto:cmd.grse@nic.in)>, "GSL" <[cmd@goashipyard.com](http://cmd@goashipyard.com)>, "D K SUNIL" <[chairman@hal-india.co.in](mailto:chairman@hal-india.co.in)>, "CMDE HEMANT KHATRI CMD, HSL" <[cmd@hslvizag.in](mailto:cmd@hslvizag.in)>, "MDL MAIL" <[chmd@mazdock.com](mailto:chmd@mazdock.com)>, "Chairman and Managing Director MIDHANI" <[cmd@midhani-india.in](mailto:cmd@midhani-india.in)>

CC:  
"Shalabh Tyagi" <[jscoord-ddp@nic.in](mailto:jscoord-ddp@nic.in)>, "Deepak Chandolia" <[so-coord2@ddpmod.gov.in](mailto:so-coord2@ddpmod.gov.in)>

CAUTION: This email originated outside of the BHARAT ELECTRONICS. AVOID CLICKING on links or attachments unless you are certain the sender is

trustworthy and the content is secure.

Respected Sir/Madam,

Please find the provisionally admitted parliament unstarred question Dy. No. 1434 for answer on 29.11.2024 regarding Industrial Parks in Telangana.

The text of the question is as under:-

- a) Whether any Industrial Parks and large scale commercial industries are being set up in Telangana to boost trade and mitigate unemployment;
- b) If yes, details thereof;
- c) Is there a report of Telangana Government's financial progress in terms of commerce/industry since 2023?

2. In this regard, it is requested that inputs/information may kindly be provided by 2 .1 1.2024 for framing a suitable reply for the question by this Section.

Regards

O/o  
DDG(Coord)  
Department of Defence Production  
Tel: 011-2301-0663  
235-B, South Block, New Delhi

----- Forwarded Message -----

From: "Shalabh Tyagi" <[jscoord-ddp@nic.in](mailto:jscoord-ddp@nic.in)>  
To: "Atul Basumatary" <[atul.basumatary@nic.in](mailto:atul.basumatary@nic.in)>  
Sent: Thursday, November 21, 2024 10:40:05 AM  
Subject: Fwd: Reminder-1: Inputs on Provisionally Admitted Unstarred question Dy. No. 1434 for answer on 29.11.2024 regarding Industrial Parks and large scale commercial industries in Telangana

Regards,

O/o संयुक्त सचिव (पी.& सी.) / Jt.  
Secretary (P&C),  
रक्षा उत्पादन विभाग / Dept. of Defence  
Production,  
रक्षा मंत्रालय / Ministry of Defence,  
Tel: 011- 23011553  
Telefax: 011-23019961

From: "Sandeep Kumar" <[usparl\\_def@nic.in](mailto:usparl_def@nic.in)>  
To: "Shalabh Tyagi" <[jscoord-ddp@nic.in](mailto:jscoord-ddp@nic.in)>  
Sent: Wednesday, November 20, 2024 6:11:13 PM  
Subject: Reminder-1: Inputs on Provisionally Admitted Unstarred question Dy. No. 1434 for answer on 29.11.2024 regarding Industrial Parks and large scale commercial industries in Telangana

Sir,

Please refer to the trailing email.

It is requested that the inputs to the PQ may be provided directly to Ministry of Commerce and Industry on email ID- [ <mailto:dbal-dipp@nic.in> | [dbal-dipp@nic.in](mailto:dbal-dipp@nic.in) ] positively by 21.11.2024 with intimation to D(Parl) Section.

Regards,

D(Parlament)  
Ministry of Defence  
Tel.- 2301 2560

From: "Manish Tripathi" <[jse@nic.in](mailto:jse@nic.in)>  
To: "Sanjai Bajpai" <[sanjai.bajpai@nic.in](mailto:sanjai.bajpai@nic.in)>, "Sandeep Kumar" <[usparl\\_def@nic.in](mailto:usparl_def@nic.in)>  
Sent: Wednesday, November 20, 2024 5:54:47 PM  
Subject: Fwd: Inputs on Provisionally Admitted Unstarred question Dy.

Subject **BEL Reply PQ 1434: Inputs on Provisionally Admitted Unstarred question Dy. No. 1434 for answer on 29.11.2024 regarding Industrial Parks and large scale commercial industries in Telangana reg-**

From MS/CO <msco@bel.co.in>

To Atul Basumatary <atul.basumatary@nic.in>

Cc <so-coord2@ddpmod.gov.in>, cmd <cmd@bel.co.in>, cmdps delhi <cmdps\_delhi@bel.co.in>, Manojyadav <manojyadav@bel.co.in>

Date 2024-11-21 12:38



Respected Sir,

W.r.t the subject, information i.r.o BEL is as below:

- a) Whether any Industrial Parks and large scale commercial industries are being set up in Telangana to boost trade and mitigate unemployment;  
b) If yes, details thereof;

BEL Reply: BEL has a manufacturing Unit at Hyderabad (Telangana) which is into manufacturing of Electronic Warfare projects for Naval as well as Land based systems.

Additionally, a new factory is under construction at Ibrahimpatnam (Telangana) for Electronic Warfare - Land based systems which is expected to complete by Dec 2025.

- c) Is there a report of Telangana Government's financial progress in terms of commerce/industry since 2023?

BEL Reply: Not in BEL's scope.

--

सादर Regards,

Amarjeet Singh BK

प्रबंधन सेवाएं Management Services

कारपोरेट कार्यालय Corporate Office

भारत इलेक्ट्रॉनिक्स

लिमिटेड Bharat Electronics Limited

बैंगलोर Bangalore - 560045

दूरभाष Phone : 080 25039277

फैक्स Fax : 080 25039234

----- Original Message -----

SUBJECT:

Inputs on Provisionally Admitted Unstarred question Dy. No. 1434 answer on 29.11.2024 regarding Industrial Parks and large scale commercial industries in Telangana reg-

DATE:

**LOK SABHA**Ministry: **CIVIL AVIATION**Sitting on: **05/12/2024**Question Type: **UNSTARRED****D.No : 4705****Indigenous Aircraft Management**

Will the Minister of CIVIL AVIATION

- (a) the number of employment generated in the aerospace sector in view of the various initiatives and schemes initiated to promote indigenous aircraft development;
- (b) the number of foreign and domestic collaborations and partnerships being made for enhancing the development of indigenous aircraft technologies by 2047;
- (c) the investment made by the Government and private sectors in the indigenous aircraft projects during the last five years;
- (d) the strategies to be implemented by the Government to ensure the workforce is trained and skilled for the technological advancements in aerospace sector; and
- (e) the existing technological gaps faced by the Indian companies that leads to stops India from becoming a significant player in the global aerospace industry along with the corrective steps being taken by the Government to bridge this gap?

EM

Subject **BEL Reply PQ1770: Admitted Lok Sabha Unstarred Q. No. 1770 (Diary No. 4705) due for answer on 05.12.2024 regarding Indigenous Aircraft Management**

From MS/CO <msco@bel.co.in>

To <ersec.moca@nic.in>

Cc Cmd <cmd@bel.co.in>, Cmdps Delhi <cmdps\_delhi@bel.co.in>, Manoj Yadav . <manojyadav@bel.co.in>

Date 2024-11-28 14:19

Priority Highest



- D.N No4705.pdf(~38 KB)

Respected Sir,

Bharat Electronics Limited (BEL) is a Navratna PSU under the Ministry of Defence, Government of India. It manufactures state-of-the-art strategic electronic products and systems for the Army, Navy and the Air Force. BEL is not into Aircraft manufacturing Business.

Accordingly, please consider 'NIL' reply from BEL for questions (a) to (e) of the attached.

--

सादर Regards,

अमरजीत सिंह Amarjeet Singh BK  
प्रबंधक Manager  
प्रबंधन सेवाएं Management Services  
कारपोरेट कार्यालय Corporate Office  
भारत इलेक्ट्रॉनिक्स लिमिटेड Bharat Electronics Limited  
बैंगलोर Bangalore - 560045  
दूरभाष Phone : 080 25039322  
फैक्स Fax : 080 25039234  
ईमेल Email : [amarjeetsinghbk@bel.co.in](mailto:amarjeetsinghbk@bel.co.in)

----- Original Message -----

**Subject:**REMINDER: Parliament Question: Admitted Lok Sabha Unstarred Q. No. 1770 (Diary No. 4705) due for answer on 05.12.2024 regarding Indigenous Aircraft Management

**Date:**2024-11-28 10:38

**From:**ER Section <ersec.moca@nic.in>

**To:**"Secretary DP" <sdpns@nic.in>, "JAYANT KUMAR" <jsaero.ddp-mod@gov.in>, "sarojchoudhary edu" <sarojchoudhary.edu@mod.in>, "Piyush Kumar" <piyush.moca@nic.in>, "Dr. Abhay Pashilkar" <director@nal.res.in>, "Abhay Pashilkar" <apash@nal.res.in>, "Ananda CM" <ananda\_cm@nal.res.in>, "secy-ipp" <secy-ipp@nic.in>, "Parvin Dagar" <dagar.pravin@gov.in>, "a madabhushi" <a.madabhushi@gov.in>, "Atul Kumar Tiwari" <secy-msde@nic.in>, "Mr Nilambuj Sharan" <nilambuj.sharan@nic.in>, "Trishaljit Sethi" <dirgen-msde@gov.in>, "Vinay

**Ministry of Defence  
D (Lands)**

**Subject:- Rajya Sabha Provisionally admitted Unstarred Question Dy No.1635 for answer on 10.02.2025 on the subject "Encroachment of Defence Land in Odisha" - regarding**

Please find enclosed a copy of D(Parliament) ID No. 65/QRS/267/2025-D(Parl) dated 29.01.2025 forwarded therewith text of Provisionally Admitted Starred Question Dy No. 1635 for answer in the Rajya Sabha on 10.02.2025 regarding "Encroachments of Defence Land in Odisha".

2. It is requested to furnish the requisite information / inputs relating to the Question latest by 03.02.2025 alongwith Supplementary note and probable questions, so as to enable this office to prepare draft reply of the question for approval of Hon'ble RM/RRM within time.

Encl : As above



(Shiv Santosh Kumar)  
Section Officer (Lands)  
Tele No.23014410

1. DGDE
2. DG LW&E, AHQ
3. PD (Works), Air HQ
4. PD (Works), NHQ
5. Indian Coast Guard
6. DRDO
7. DDP (Coord)
8. DGQA
9. CGDA
10. D(BR), MoD
11. D (HQ IDS/ANC), MoD
12. Dte of Standardisation

---

MoD I.D. No. 03/PQ/SO-II/D(Lands)/2025

dated 30.01.2025

**MOST IMMEDIATE**  
**PROVISIONALLY ADMITTED**  
**PARLIAMENT QUESTION**

**MINISTRY OF DEFENCE**  
**D(PARLIAMENT)**

**SUBJECT:-STARRED/UNSTARRED QUESTION DY. NO** 1635  
**FOR ANSWER IN THE RAJYA SABHA ON.** 10/02/2025

Text of the provisionally admitted Parliament Question received from Rajya Sabha Secretariat is enclosed. Printed text of the Question will be made available as soon as the same is received from Question Branch, Rajya Sabha by D(Parl) Section :

**COLLECTION OF INFORMATION**

The requisite information duly approved at an appropriate level may please be collected from all concerned organisations/offices expeditiously. Draft reply and the **Note for Supplementaries** may also be kept ready. Response to provisionally admitted Starred/Unstarred Questions should be sent to the Rajya Sabha Secretariat promptly to enable them to take into consideration all the relevant inputs while finalising the list of Questions.

**DISALLOWANCE**

The request for disallowance of a question will not be entertained on a sole plea that the furnishing of information on the floor of the House would not be in public interest. Only in rare cases, if it is brought to the notice of the Chairman, Rajya Sabha by this Ministry that the disclosure of information will be prejudicial to the safety of State, he/she may disallow a question in larger national interest.

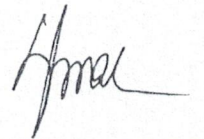
**TRANSFER OF QUESTION**

In all cases, where the Parliament Question is sought to be transferred to some other Ministry, the same should be done immediately on receipt of the Question after obtaining the approval at the appropriate level and also obtain acceptance/consent from transferee Ministry/Department under intimation to Rajya Sabha Secretariat and to the D(PARL) section. As regards issues relating to transfer of questions between various wings of MOD, same **may be settled personally at the level of Joint Secretaries concerned, and in no case, the question should be returned to D(Parl) Section.**

**TIMELY SUBMISSION OF REPLIES**

If the Question is admitted, draft reply alongwith Note for Supplementaries is required to be submitted to **RM/RRM** before 06/02/2025 positively. A hard copy of the same may simultaneously be provided to D(Parl) Section or email at usparl\_def@nic.in for onward transmission to that Secretariat. In addition, soft copy [editable format/MS word] may also be sent at the address: shubham.bisht84@mod.in using email service of MoD LAN.

*So (Lands II)  
29/1/25*



(SANDEEP KUMAR)  
UNDER SECRETARY(PARL)  
TELE: 23012560/23012907

DIR/DS( Lands )/US( Lands )

JS( Lands )/DG(R&M)/DIR(PARL. AFFAIRS)/DRDO  
M of D I.D.No. 65 /QRS/ 267/2025-D(Parl) dated 29 .01. 2025

Email

Sandeep Kumar

Encroachment of Defence Land in Odisha

From : rsqns@sansad.nic.in

Tue, Jan 28, 2025 04:30 PM

Subject : Encroachment of Defence Land in Odisha

To : usparl def <usparl\_def@nic.in>

PROVISIONALLY ADMITTED QUESTION FOR THE RAJYA SABHA

Starred /Unstarred Diary No.-- U1635

The Question Will be put down for -- 10/02/2025

Answer on the Ministry Department -- Defence( DEF)

Encroachment of Defence Land in Odisha

(a) The details of defence land under encroachment in the country, location-wise and State/UT-wise, including Odisha

JS (Lands)
-----
DIR (Lands)
-----
D (Lands)

Subject **BEL Reply PQ 1635: Rajya Sabha Provisionally admitted starred Question Dy No. 1635 for answer on 10.02.2025 on the subject " Encroachment of Defence Land in Odhisha" .**

From MS/CO <msco@bel.co.in>

To Deepak Chandolia <so-coord2@ddpmod.gov.in>

Cc Atul Basumatary <atul.basumatary@nic.in>, Cmd <cmd@bel.co.in>, Cmdps Delhi <cmdps\_delhi@bel.co.in>, Manoj Yadav . <manojyadav@bel.co.in>

Date 2025-01-30 14:36

Priority Highest



- PQ DY No.1635.pdf(~1.6 MB)

Respected Sir,

Reply from BEL for the is 'NIL' as no land pertaining to BEL has been encroached in any of the states, including Odisha.

The above is for kind information.

--

सादर Regards,

अमरजीत सिंह Amarjeet Singh BK  
प्रबंधक Manager  
प्रबंधन सेवाएं Management Services  
कारपोरेट कार्यालय Corporate Office  
भारत इलेक्ट्रॉनिक्स लिमिटेड Bharat Electronics Limited  
बैंगलोर Bangalore - 560045  
दूरभाष Phone : 080 25039322  
फैक्स Fax : 080 25039234  
ईमेल Email : [amarjeetsinghbkb@bel.co.in](mailto:amarjeetsinghbkb@bel.co.in)

On 2025-01-30 14:12, Deepak Chandolia wrote:

CAUTION: This email originated outside of the BHARAT ELECTRONICS. AVOID CLICKING on links or attachments unless you are certain the sender is trustworthy and the content is secure.

Sir,

I am directed to attach herewith a copy of Rajya Sabha PQ Dy No 1635 on the subject mentioned above. It is requested to provide reply on the Parliament question to this office latest by today i.e. 30.01.2025 positively for onward submission to D(Lands), MoD.

Regards

Deepak Chandolia  
Section Officer, D(Coord/DDP)  
Department of Defence Production, Ministry of Defence  
☎ : 23794358  
✉: [so-coord2@ddpmod.gov.in](mailto:so-coord2@ddpmod.gov.in)

----- Forwarded Message -----

From: "Atul Basumatary" <atul.basumatary@nic.in>  
To: "Deepak Chandolia" <[so-coord2@ddpmod.gov.in](mailto:so-coord2@ddpmod.gov.in)>  
Sent: Thursday, January 30, 2025 12:49:06 PM  
Subject: Fwd: Rajya Sabha Provisionally admitted starred Question Dy No. 1635 for answer on 10.02.2025 on the subject " Encroachment of Defence Land in Odhisha" .

Regards

Atul Basumatary  
DDG(Coord)  
Department of Defence Production

----- Original Message -----

**Subject:** Starred Question Dy No 9468 for answer in the Lok Sabha on 21.03.2025 regarding "Defence Land in Defence Department in Belgavi, Karnataka".

**Date:** 2025-03-13 16:04

**From:** Atul Basumatary <atul.basumatary@nic.in>

**To:** "D K SUNIL" <chairman@hal-india.co.in>, "Cmde A Madhavarao" <cmdbdl@bdl-india.in>, "BEL" <cmd@bel.co.in>, "BEML" <cmd@beml.co.in>, "Shri Gowri Sankara Rao Naramsetti" <cmd@midhani-india.in>, "COMMODORE PR HARI" <cmd.grse@nic.in>, "GSL" <cmd@goashipyard.com>, "CMDE HEMANT KHATRI CMD, HSL" <cmd@hslvizag.in>, chmd@mazdock.com

**Cc:** "Shalabh Tyagi" <jscoord-ddp@nic.in>, "Deepak Chandolia" <so-coord2@ddpmod.gov.in>

CAUTION: This email originated outside of the BHARAT ELECTRONICS. AVOID CLICKING on links or attachments unless you are certain the sender is trustworthy and the content is secure.

Please furnish para-wise inputs on the Loksabha starred Question Dy No.9468, reproduced below, by 17.03.2025.

- (i) What is the total extent of Land that exists with the Defence Dept in Belgavi city and also in the Belgavi district of Karnataka
- (ii) If so, details thereof,
- (iii) Whether is there any land of the Karnataka state that is in the possession of the Defence, which had been leased out to the Defence use in the past,
- (iv) Has it been returned to the State Govt after the completion of its lease,
- (v) If so, every details thereof.

Regards

Atul Basumatary  
DDG(Coord)  
Department of Defence Production  
Tel: 011-2301-0663  
235-B, South Block, New Delhi

--

Thank you,

with regards,

अवधेश कुमार सिंह /Awadhesh Kumar Singh

स्टाफ अधिकारी सीएमडी / Staff Officer to CMD

भारत इलेक्ट्रॉनिक्स लिमिटेड Bharat Electronics Limited  
कारपोरेट कार्यालय Corporate Office

Subject **BEL Reply PQ 9468: Starred Question Dy No 9468 for answer in the Lok Sabha on 21.03.2025 regarding " Defence Land in Defence Department in Belagavi, Karnataka".**

From MS/CO <msco@bel.co.in>

To Atul Basumatary <atul.basumatary@nic.in>

Cc <so-coord2@ddpmod.gov.in>, Cmd <cmd@bel.co.in>, Cmdps Delhi <cmdps\_delhi@bel.co.in>, MANOJ YADAV . <manojyadav@bel.co.in>

Date 2025-03-13 18:04

Priority Highest



Respected Sir,

W.r.t the subject PQ, comments from BEL are as below:

- (i) What is the total extent of Land that exists with the Defence Dept in Belgavi city and also in the Belgavi district of Karnataka  
(ii) If so, details thereof,

BEL comment: NIL

- (iii) Whether is there any land of the Karnataka state that is in the possession of the Defence, which had been leased out to the Defence use in the past,

BEL comment: NIL

- (iv) Has it been returned to the State Govt after the completion of its lease,  
(v) If so, every details thereof.

BEL comment: Not Appllicable.

--

सादर Regards,

अमरजीत सिंह Amarjeet Singh BK  
प्रबंधक Manager  
प्रबंधन सेवाएं Management Services  
कारपोरेट कार्यालय Corporate Office  
भारत इलेक्ट्रॉनिक्स लिमिटेड Bharat Electronics Limited  
बैंगलोर Bangalore - 560045  
दूरभाष Phone : 080 25039322  
फैक्स Fax : 080 25039234  
ईमेल Email : [amarjeetsinghbk@bel.co.in](mailto:amarjeetsinghbk@bel.co.in)

**MOST IMMEDIATE**  
**PARLIAMENT QUESTION**

**Ministry of Defence**

**D(Lands)**

\*\*\*

**Subject: Notice of Unstarred Question Dy. No.1001 for answer in the Rajya Sabha on 02.02.2026 regarding "Defence land use and civilian infrastructure"-reg**

Please find enclosed herewith a copy of MoD ID No.20/QRS/270/2026-D(Parl) dated 19.01.2026 on the above subject forwarded therewith text of Provisionally Admitted unstarred Question Dy No. 1001 for answer in the Rajya Sabha on 02.02.2026 regarding "Defence land use and civilian infrastructure"

2. It is requested to furnish the requisite information relating to the Question latest by **23.01.2026** so as to enable us to prepare draft reply of the Question for further submission to D(Parl).

Encl: As above



(Aniruddh Pant)

Section Officer (Lands-III)

Tele: 23014410

1. DGDE
2. DG (LW&E), AHQ
3. PD (Works), Air HQ
4. PD (Works), NHQ
5. Indian Coast Guard
6. DRDO
7. DDP(Coord)
8. DG, DGQA
9. CGDA
10. DGBR
11. D (HQ IDS/ANC), MoD
12. Directorate of Standardisation

---

MoD I.D. No. 05/PQ/SO-II/D(Lands)/2026

Dated 21.01.2026

रक्षा मंत्रालय / Ministry of Defence  
रक्षा (संसद) / D(Parliament)

SUBJECT:- STARRED/UNSTARRED QUESTION DY. NO 1001  
FOR ANSWER IN THE RAJYA SABHA ON 02.02.2026

Text of the provisionally admitted Parliament Question received from Rajya Sabha Secretariat is enclosed. Printed text of the Question will be made available as soon as the same is received from Question Branch, Rajya Sabha.

COLLECTION OF INFORMATION

The requisite information duly approved at an appropriate level may please be collected from all concerned organisations/offices expeditiously. Draft reply and the Note for Supplementaries may also be kept ready. Response to provisionally admitted Starred/Unstarred Questions should be sent to the Rajya Sabha Secretariat promptly to enable them to take into consideration all the relevant inputs while finalising the list of Questions.

DISALLOWANCE

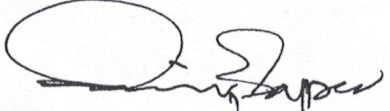
The request for disallowance of a question will not be entertained on a sole plea that the furnishing of information on the floor of the House would not be in public interest. Only in rare cases, if it is brought to the notice of the Chairman, Rajya Sabha by this Ministry that the disclosure of information will be prejudicial to the safety of State, he/she may disallow a question in larger national interest.

TRANSFER OF QUESTION

In all cases, where the Parliament Question is sought to be transferred to some other Ministry, the same should be done immediately on receipt of the Question after obtaining the approval at the appropriate level and also obtain acceptance/consent from transferee Ministry/Department under intimation to Rajya Sabha Secretariat and to the D(PARL) section. As regards issues relating to transfer of questions between various wings of MOD, same may be settled personally at the level of Joint Secretaries concerned, and in no case, the question should be returned to Parliament Division.

TIMELY SUBMISSION OF REPLIES

If the Question is admitted, draft reply alongwith Note for Supplementaries is required to be submitted to RM/RRM, at least **07 days before** the answer date positively. A hard copy of the same may simultaneously be provided to D(Parl) Section (email: [usparl\\_def@nic.in](mailto:usparl_def@nic.in)) for onward transmission to Rajya Sabha Secretariat. In addition, soft copy [editable format/MS word] may also be sent at the address: [Prashant.kumar25@mod.in](mailto:Prashant.kumar25@mod.in) using email service of MoD LAN.



(संजय बाजपेई/Sanjai Bajpai)

सलाहकार (संसद)

दूरभाष / Tele: 011- 23012560

ई-मेल / E-mail: [usparl\\_def@nic.in](mailto:usparl_def@nic.in)

DIR/DS (..... Lands ..... ) / US (..... Lands ..... )

✓ AS (R) ) / DG (R&M)

Mod ID No. 20 /QRS/270/2026-D(Parl) dated 19.01.2026

O/o Additional Secretary (R)

Diary No. 149

Date 19/01/26

Office of Director (Lands)

Dy. No. 3370

Date 19-01-26

*Handwritten notes:*  
2/11/11

*Handwritten notes:*  
2011

*Handwritten notes:*  
US (L-11) - On leave  
20/1/26  
Sh. Ramakant / Sh. Rashid

## Provisionally Admitted Questions in Rajya Sabha

unstarred Diary No. - 1001

The Question will be put down for 02/02/2026

Answer on the Ministry Department - Defence

Defence land use and civilian infrastructure

Will the Minister be pleased to state:

- (a) the total extent of defence land under its control in major urban centres and cantonment areas, city-wise;
- (b) whether any comprehensive audit has been conducted to assess under-utilised or encroached defence land and its impact on urban planning, housing and infrastructure;
- (c) whether the Government has formulated transparent criteria for releasing surplus defence land for public purposes such as affordable housing, transport corridors or public amenities;
- (d) the details of land parcels, if any, released in the last five years for civilian infrastructure and the manner in which public interest and security considerations were balanced therein.

AS (R)  
-----  
DIR (Lands)  
-----  
D (Lands)

Subject **BEL Reply PQ1001: Notice of Unstarred Question Dy. No. 1001 for answer in the Rajya Sabha on 02.02.2026 regarding "Defence land use and civilian infrastructure"-reg.**

From MS/CO <msco@bel.co.in>

To Anil Kumar <ddg.coord@ddpmod.gov.in>

Cc Meera Mohanty <jscoord-ddp@nic.in>, Jogender Kumar <so-coord2@ddpmod.gov.in>, ASHOK KUMAR K <ashokkumark@bel.co.in>, SANJAY AGARWAL <sanjayagarwal@bel.co.in>, Cmd <cmd@bel.co.in>, Cmdps Delhi <cmdps\_delhi@bel.co.in>

Date 2026-01-23 15:03



- defence land use and civilian infrastructure.pdf(~1.9 MB)

Respected Sir,

W.r.t the subject PQ, please find response from BEL as below:

For questions a) b) c) & d) : **Not Applicable**

--

सादर Regards,

अमरजीत सिंह Amarjeet Singh BK  
उप महाप्रबंधक Deputy General Manager  
प्रबंधन सेवाएं Management Services  
कारपोरेट कार्यालय Corporate Office  
भारत इलेक्ट्रॉनिक्स लिमिटेड Bharat Electronics Limited  
बैंगलोर Bangalore - 560045  
दूरभाष Phone : 080 25039322  
फैक्स Fax : 080 25039234  
ईमेल Email : [amarjeetsinghbk@bel.co.in](mailto:amarjeetsinghbk@bel.co.in)

On 2026-01-21 11:30, Anil Kumar wrote:

**CAUTION: This email originated outside of the BHARAT ELECTRONICS. AVOID CLICKING on links or attachments unless you are certain the sender is trustworthy and the content is secure.**

Sir,  
please find attached PQ and provide input latest by 22.01.2026

Regards  
O/o  
D(Coord)  
Room No.17, South Block  
Department of Defence Production  
Ministry of Defence  
Tele:011-23011468

==== Forwarded message =====

From: Karamjeet Kaur <dir-coord@ddpmod.gov.in>

Establishments in Odisha

<https://mail.mgovcloud.in/zm/?fromService=wptw...>

52

## Defence Establishments in Odisha

rsqns@sansad.nic.in <rsqns@sansad.nic.in >

Sat, 24 Jan 2026 5:09:46 PM +0530

To "usparl\_def"<usparl\_def@nic.in>

PROVISIONALLY ADMITTED QUESTION FOR THE RAJYA SABHA

Starred /Unstarred Diary No.-- S4140

The Question Will be put down for -- 09/02/2026

Answer on the Ministry Department -- Defence( DEF)

Defence Establishments in Odisha

(a) defence units located in Odisha; (b) strategic importance; (c) infrastructure upgrades; (d) employment generated; and (e) future expansion?

JS (P+C)

DDG (Coord), DDP

Subject **BEL Reply - Provisionally admitted starred Question for Rajya Sabha Dy No.S4140 for 09.02.2026 reg**

From MS/CO <msco@bel.co.in>

To Anil Kumar <ddg.coord@ddpmod.gov.in>

Cc Cmdps Delhi <cmdps\_delhi@bel.co.in>, Cmd <cmd@bel.co.in>, ASHOK KUMAR K <ashokkumark@bel.co.in>

Date 2026-01-29 15:37



- Provisionally admitted starred Question for Rajya Sabha Dy No.S4140 for 09.02.2026 reg.pdf(~59 KB)

आदरणीय महोदय Respected Sir,

With reference to the above subject, please find response from BEL as below:

For questions a) b) c) d) and e) : BEL does not have units in the state of Odisha. Hence, the inputs may kindly be considered as NIL.

--

सादर Regards,

सुरेश पी Suresh, प्रबंधक Manager,  
प्रबंधन सेवाएं Management Services  
कारपोरेट कार्यालय Corporate Office  
भारत इलेक्ट्रॉनिक्स लिमिटेड Bharat Electronics Limited  
बैंगलोर Bangalore - 560045  
Int-Ph No: 11416  
Ext-Ph No: 080-25039293

----- Original Message -----

**Subject:**Provisionally admitted starred Question for Rajya Sabha Dy No.S4140 for 09.02.2026 reg

**Date:**2026-01-29 10:50

**From:**Anil Kumar <ddg.coord@ddpmod.gov.in>

**To:**"CMD AVNL" <cmd@avn.co.in>, "CMD AWEIL" <cmd@aweil.in>, "CMD GIL" <corporate@glidersindia.in>, "CMD IOL" <cmd@indiaoptel.in>, "CMD MIL" <cmdmil@munitionsindia.in>, "CMD TCL" <cmd@troopcomfortslimited.co.in>, "CMD YIL" <cmdsecretariat.yilhq@yantraindia.co.in>, "NDCD" <ndcd-ddp@ord.gov.in>, "Operation IOL" <div.ops@indiaoptel.in>, "operation MIL" <director.op@munitionsindia.in>, "opreation YIL" <opr.hq@yantraindia.co.in>, "Planning GIL" <planning@glidersindia.in>, "Plannning TCL" <pnp@troopcomfortslimited.co.in>, "TCL secretariat" <cmdsecretariat@troopcomfortslimited.co.in>, "WM AWEIL" <rameshsingh@ord.gov.in>, "a.banerjee GRSE" <banerjee.aditya@grse.co.in>, "aayush" <dro@midhani-india.in>, "AGM HSL" <gmcp@hslvizag.in>, "Anshuman GSL" <anshumankhindria@goashipyard.com>, "arjit MIDHANI" <arjit.b@midhani-india.in>, "BEML CMD" <cmd@beml.co.in>, "CMD BDL" <cmdbdl@bdl-india.in>, "cmd BEL" <cmd@bel.co.in>, "CMD GRSE" <cmd@grse.co.in>, "CMD HAL" <chairman@hal-india.com>, "CMD HAL" <chairman@hal-india.co.in>, "CMD HSL" <cmd@hslvizag.in>, "cmd MDL" <cmd@mazdock.com>, "cplg MDL" <corplg@mazdock.com>, "CMD MIDHANI" <cmd@midhani-india.in>, "cpd BEML" <office.cpd@bemlltd.in>, "cplg BDL" <bdlcorplg@bdl-india.in>, "Das GRSE" <das.s@grse.co.in>, "dp GRSE" <dp@grse.co.in>, "GSL CMD" <cmd@goashipyard.com>, "HSL CMD" <cmd.hsl@gov.in>, "msco BEL" <msco@bel.co.in>, "plg HAL" <planning@hal-india.co.in>