

**GOVERNMENT OF INDIA  
DEFENCE  
LOK SABHA**

STARRED QUESTION NO:492  
ANSWERED ON:24.04.2003  
MODERNISATION/UPGRADATION OF PRODUCTION UNITS  
AVSM, BRIG.(RETD.) KAMAKHYA PRASAD SINGH DEO

**Will the Minister of DEFENCE be pleased to state:**

- (a) whether the Government have a proposal for modernisation/upgradation of some Defence production units during Tenth Five Year Plan;
- (b) if so, the details thereof; and
- (c) the funds earmarked in this regard, unit- wise?

**Answer**

MINISTER OF STATE FOR DEFENCE PRODUCTION & SUPPLIES (SHRI O. RAJAGOPAL)

(a) to (c): Yes, Sir. A Statement in this regard is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF LOK SABHA STARRED QUESTION NO. 492 FOR 24.4.2003

An investment of Rs. 1456 crore is envisaged under the Renewal & Replacement (RR) Grant for modernisation of ordnance factories during the Tenth Plan. During 2002-2003, an investment of approximately Rs. 300 crore has been made for modernisation of the Ordnance Factories. Modernisation of the ordnance factories is being carried out to reduce the cost of production, enhance the product quality and bring in flexibility in the product mix. During the process of modernisation, automation is also being introduced in the ordnance factories in selected areas like auto-gantry robots, material handling manipulators, auto-guaging units, automatic packing plants etc. The modernisation process has already commenced in twenty six ordnance factories. Unit-wise investment proposed to be made under the Renewal & Replacement head for modernization during the period 2002-2007 is at Appendix.

2. The Defence Public Sector Undertakings have their own financial resources for modernisation/upgradation of their respective units. However, the three shipyards viz., Mazagon Dock Limited (MDL), Mumbai, Garden Reach Shipbuilders and Engineers Limited (GRSE), Kolkata and Goa Shipyard Limited (GSL), Goa have proposed to modernise/augment some of their facilities through project-aided funds of the Indian Navy. Similarly, Mishra Dhatu Nigam Limited has proposed creation of certain facilities for production of cast alloy feed stock for manufacture of blading for Kaveri and SU-30 Engines and for manufacture of high pressure air bottles required by Navy, through funding by Defence Research and Development Organisation (DRDO).

APPENDIX REFERRED TO IN THE STATEMENT GIVEN IN REPLY TO PARTS (a) TO (c) OF LOK SABHA STARRED QUESTION NO. 492 FOR 24.4.2003

As per the perspective plan of the Ordnance Factory Board, the investment proposed to be made, under the Renewal & Replacement head, for modernization of the ordnance factories, during the period from 2002 to 2007, is given in the table that follows:-

(Rs in Crores)

S.NO.	NAME OF THE FACTORY	Proposed Investment 2002-2007
1.	Heavy Vehicle Factory, Avadi	22.90
2.	Ordnance Factory, Medak	7.54
3.	Metal & Steel Factory, Ishapore	199.02
4.	Ordnance Factory, Muradnagar	23.06
5.	Ordnance Factory, Ambajhari	143.83
6.	Ordnance Factory, Ambernath	26.54
7.	Heavy Alloy Penetrator Proj.Tiruchirapally	21.30
8.	Ordnance Factory, Katni	17.45
9.	Ordnance Factory, Kanpur	164.4
10.	Field Gun Factory, Kanpur	16.98
11.	Gun & Shell Factory, Cossipore	65.00
12.	Rifle Factory, Ishapore	62.77
13.	Small Arms Factory, Kanpur	26.62
14.	Ordnance Factory, Tiruchirapally	34.23
15.	Vehicle Factory, Jabalpur	78.07

16.	Ordnance Equipment Factory, Kanpur	13.31
17.	Ordnance Parachute Factory, Kanpur	11.29
18.	Ordnance Factory, Khamaria	71.02
19.	Ammunition Factory, Khadki	100.00
20.	Ordnance Factory, Varangaon	14.06
21.	Ordnance Factory, Chanda	18.82
22.	Ordnance Factory, Itarsi	18.75
23.	Ordnance Factory, Bhandara	108.60
24.	Cordite Factory, Aruvankadu	24.66
25.	Ordnance Factory, Dum Dum	12.91
26.	Gun Carriage Factory, Jabalpur	37.00
27.	High Explosive Factory	7.84
28.	Ordnance Factory Dehu Road	5.09
29.	Grey Iron Foundry	11.39
30.	Machine Tool Prototype Factory	12.10
31.	Ordnance Factory Bhusawal	7.47
32.	Ordnance Factory Dehra Dun	16.16
33.	Engine Factory Avadi	4.69
34.	Opto-electronics Factory Dehra Dun	5.97
35.	Ordnance Equipment Factory, Hazarthpur	6.65
36.	Ordnance Clothing Factory, Avadi	6.23
37.	Ordnance Clothing Factory, Shahjhanpur	18.90
38.	Ordnance Factory, Chandigarh	13.68

Total

1456.3