

**GOVERNMENT OF INDIA  
DEFENCE  
LOK SABHA**

UNSTARRED QUESTION NO:1135

ANSWERED ON:04.12.2015

Research Projects of DRDO

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

- (a) whether some projects including the Autonomous Unmanned Research Aircraft and the Air Borne Early Warning and Control System of the Defence Research and Development Organisation (DRDO) are lagging behind schedule;
- (b) if so, the details thereof and the reasons for delay in completion of these projects, project-wise;
- (c) the details of funds required, allocated, released and utilised for the purpose during each of the last three years and the current year, project-wise;
- (d) whether there is shortage of funds in DRDO and if so, the reasons therefor along with the steps taken to allocate more funds for research and development in DRDO; and
- (e) whether there is a shortage of scientists in DRDO at present, if so, the details thereof including number of sanctioned and vacant posts of scientists in DRDO at present and the steps taken to recruit more scientists therein?

**Answer**

MINISTER OF STATE (RAO INDERJIT SINGH)

IN THE MINISTRY OF DEFENCE

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(a)to(c):The project "Autonomous Unmanned Research Aircraft (AURA)" was sanctioned in 2009 to carryout conceptual and feasibility study for an Indian Unmanned Strike Vehicle. The project was successfully completed in April 2013 within the time schedule. Sanctioned cost of the project was Rs. 12.50 Cr and Rs. 11.19 Cr was utilised to carry out the project.

The Project "Airborne Early Warning & Control (AEW&C) System" was sanctioned in 2004 at a cost of Rs. 1800 Crore with Probable Date of Completion of April 2011. The project is lagging behind schedule due to the following reasons:

â€¢ Project essentially commenced in 2008 instead of 2004 due to finalisation of operational requirements by the user which resulted in delay in procurement of Aircraft (platform).

â€¢ In 2010, user put forward an additional requirement of icing certification towards which platform OEM requested for additional 2 years leading to aircraft delivery to 2014.

â€¢ The Air to Air Refuelling (AAR) capability asked by the user being done for the first time by the aircraft OEM further delayed by 18 months.

â€¢ The project is likely to be completed by Dec 2016 at an estimated cost of Rs. 2157 Crore (Cost revision due to FE variation).

During financial years 2012-13, 2013-14, 2014-15 and 2015-16 (till October 2015), DRDO has utilised Rs 157.85 Crore; Rs. 81.87 Crore; Rs 123.45 Crore; and Rs 58.97 Crore, respectively in AEW&C project.

Another Project "Airborne Warning And Control System – India (AWACS (I)) has been sanctioned by the Cabinet Committee on Security (CCS), in principle, in Feb 2013 at a cost of Rs 5113 Crore with probable date of completion of 84 months. So far, no funds have been allotted pending contract finalisation by the user.

(d)Allocation of funds depends on felt needs of the Department and overall availability of funds.

(e)At present, 7861 scientists (including Service Officers) are working in Defence Research and Development Organisation (DRDO) against authorised strength of 7878 scientists. This authorisation was issued in 2001. There has been no enhancement of strength of scientists in DRDO since 2001, while a number of projects have gone multi-fold in terms of size and technological complexity and Budget has also increased from Rs. 3120 Crore (2001-02) to Rs. 14358.49 Crore (2015-16). Keeping in view, ongoing megaprojects in DRDO and strategic & tactical defence requirements of the country, a Cabinet Note has been initiated to enhance the scientific manpower in DRDO.

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