

**GOVERNMENT OF INDIA
CIVIL AVIATION
LOK SABHA**

UNSTARRED QUESTION NO:3025
ANSWERED ON:12.08.2010
AIR TRAFFIC CONTROL TOWER AT DELHI
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Will the Minister of CIVIL AVIATION be pleased to state:

- (a) whether the Indira Gandhi International Airport will soon have the country's tallest Air Traffic Control Tower with the Airports Authority of India (AAI) finalising the design of a 90-95 metre structure;
- (b) if so, the details of the project;
- (c) the total expenditure likely to be incurred on its construction and the time by which the tower will become functional; and
- (d) the special features of the tower and advantages?

Answer

MINISTER OF THE STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF CIVIL AVIATION (SHRI PRAFUL PATEL)

(a) to (d): Yes, Madam. DIAL and AAI have planned to develop a new Air Traffic Control Tower for IGI airport at a centralised location. The proposed tower is 100m high, so as to have a clear view of aprons, taxiways, runways and airspace surrounding the airport, particularly approach and departure areas. The proposed location also takes into consideration the scope for future developments.

The new ATC tower would have a number of special features, some of these are as under:

- (i) A visual control tower at 95 m high with all round view of the airport. (ii) A cab on top which provides spacious layout for the aerodrome and ground movement controllers with adequate space for all display, monitoring and communication facilities, equipment installation and staff rest facilities immediately below the cab. The structure would have two elevators; one of which would be a panoramic lift with a glass enclosure. (iii) State of the art equipment and software to support modern air traffic control at a busy growing airport and provide much higher levels of operational safety and efficiencies thereby checking delays in air traffic service at IGI airport. This includes all aspects of ground movement control, aerodrome control, arrival and departure control, en-route control, traffic flow management with a view to minimize delays through automation, predictive analysis and collaborative decision making features.
- (iv) The complex would be completed with all services to support Meteorological facilities, Search and Rescue and Anti Hijacking measures. Special attention would be given in the design of the new facilities to the training of controllers and nav-aid technicians to constantly improve their skills. Facilities are also planned for their fitness and recreation so as to promote a high level of mental alertness and physical fitness of the controllers and other staff members who work under high stress while controlling air traffic services.

The total cost of the project, including the civil construction works and equipment services is estimated to be around Rs.350.crores, with target date of completion as mid 2012.