

Executive Summary

Introduction: Airports Authority of India proposes to develop Deoghar Airport in Asahana, Babupur, Bhitiya, Katia, Paharpur & Singhpur yogidih village, District-Deoghar, Jharkhand. A MoU (Memorandum of Understanding) was signed between State Government and Airports Authority of India for the development of Deoghar Airport. The project will be developed in an area of 656.79 Acres with an area of 53.41 Acres of existing airstrip. The land for the project has been provided by State Govt. of Jharkhand.

The airport will be developed to cater for operation of ATR-72 type of aircraft and after that if required then it will be developed for operation of A-321 type of aircraft, subject to viability and traffic demand. The estimated cost of the project is approx. INR 350 Crores.

The proposed site is 3 km from Deoghar. NH-114A is adjacent to Eastern boundary of the site. Badyanathdham Railway Station is at 4.5 km distance from project site in North direction.

Concept: This project involves construction of facilities like 1 terminal building, apron, air traffic controller, RESA, apron, link taxi track shoulders, isolation bay shoulders, firefighting equipments etc.

Component/ Facility	Proposed Size
Runway Size	2700 m x 45 m
Runway Shoulders	7.5 m
Runway Orientation	09-27
Stop way	60 m x 60 m
Apron	165 m x 115 m
Apron Shoulders	7.5 m
Taxiway	188 m x 23 m
Taxiway Shoulders	7.5 m
RESA	90 m x 90 m
Isolation Bay	64 m x 79 m
Isolation Bay Shoulders	7.5 m
Terminal Building	5400m ²
Fire Station	No. 1 (category VII)
ATC	Mobile Control Tower

Source: Technical Report, AAI

During operation phase, approx. 72.6 KLD of water would be required which will be sourced from bore well (ground water).

The power requirement will be 1,200 kVA for the proposed project. The bulk power supply of 1250 KVA shall be drawn from the grid of State Electricity Board. Electric substation will be built inside the project site for housing HT and LT panels, DG set etc. provision of Solar Power will be explore in this proposed project.

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For Development of Deoghar Airport at Deoghar, Deoghar District, Jharkhand

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Area: The project will be developed in an area of 656.79 Acres with an area of 53.41 Acres of existing airstrip. There is some first order stream crossing through the proposed project site. There is no PF/ RF inside the proposed project site but 18.18 acres of forest land (as khasra Map) exist in the proposed site area. Some small scattered settlement also found edges of inside the proposed project site and one road cross through the eastern side of the proposed project site from North to south. For development of Deoghar Airport, State Govt. of Jharkhand provided land after removing of all obstructions and diversion of various facilities.

Project Cost: The estimated project cost is approx. INR 350.00 crores.