

BRIEF SUMMARY-JAIPUR AIRPORT

Jaipur International Airport is an operational civil airport owned by Airports Authority of India (AAI), 13 km South of Jaipur city, and has total land area 776 acres (~314 Ha.). It is presently a fully operational international airport and was granted the status of international airport on 29 December 2005. The Jaipur master plan 2025 takes into consideration the prescribed expansion during the preparation of the land use plan.

Airports Authority of India has planned expansion of the existing operations at Jaipur Airport by constructing the following:

- Expansion of Existing Terminal Building
- Construction of Airport Director's office
- Construction of multilevel car park
- Development of four-lane vehicular road from Terminal Building / Car parking
- Driver's canteen and toilet facility on the city side
- Sub-station, A/C plant room and related service facilities
- Construction of Boundary Wall with gates

The Existing Terminal building is serving both Domestic and International Passengers. The existing terminal building has handling annual capacity of 3.5 mppa and the proposed terminal building will have capacity of 10 mppa. The airport is developed for operation of Boeing 747-300 aircrafts in all weather conditions. Fuel farm includes an area of 9939.8 m².

Proposal includes construction of centrally air-conditioned Integrated Passenger Terminal Building of an area 1,25,000 Sq.m. (excluding 22,500 Sq.m area of existing Terminal building) and basement area of 20,000 Sq.m.. Considering the fast-growing air traffic and demand for better passenger facilities an area of 18,750 Sq.m. is to be kept for retail /commercial outlets / retiring rooms and airlines offices to tap future potential at the Airport. The building is to be provided with aesthetically appealing & soothing interior decoration matching the modern structure. Space planning to ensure that no dead Space/ Area is created in the building. Proposal also included construction of multilevel car park with all amenities for at least 2,000 cars and surface parking for VIP cars & 10 buses, Separate car / scooter park area for AAI and airlines staff at appropriate location.

The existing electrical load is 2.25 MVA, and the estimated Electrical Load is 10 KVA, both supplied by JVNLL.

The project will utilize the water supply from nearby municipality. The daily consumption of water during operation phase will be about 1512.5 KLD of which ~810 KLD will be fresh water and ~702 KLD will be recycled water. During the construction stage, water will be sourced primarily through tankers arranged by the contractors as per specifications

The main source of drainage generation will be the discharges from toilets (water closet), urinals, sinks, pantry's, kitchen and other similar utilities. The total wastewater generation in operation phase will be 926 KLD and that during construction phase is 80 KLD. The wastewater will be treated in 1,110 KLD MBBR technology STP.

Twin bin waste collection system— green bins for bio-degradable wastes and blue bins for non-biodegradable wastes shall be provided for solid waste collection. Waste collection shall be done and temporarily stored at identified locations before disposing as per established laws and procedures.

Hazardous waste shall be treated in accordance with Hazardous Waste Management Rules 2016, Batteries waste shall be handled in accordance with Batteries (Management and Handling) Rules, 2001 and E waste as per E waste Management Rules, 2016.