

# Infrastructure project capabilities & D&D Assistance

5th July 2020  
D & D Newsroom-08



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## Project Brief

Delhi International Airport Limited (DIAL) initiated its phase-III (A) project titled 'Airport Expansion' of Indira Gandhi International Airport (IGIA). It will enhance the capacity to handle up to 140 Million Passenger Per Annum (MPPA) passengers (Airsides).

As a part of the overall development plan under Phase -3A, DIAL would carry out integration of the Departure and Arrival terminals of T1, construction of new T1 Apron, fourth runway, dual elevated Eastern Cross Taxiways (ECT), Landside developments for circulation and connectivity improvements and T3 modification are the part of the phase - III project.

Indira Gandhi International (IGI) airport would become the first airport in India to have four runways and dual elevated ECT

.Construction of IV runway and Terminal 1 will be the three times bigger to handle double the existing capacity (20 MPPA to 40 MPPA) are the main part of project.

Software Used - Revit / CAD 2019

Trades to Cover – Plumbing Drainage & Water supply

Project Start Date	January 2020
Project End Date	March 2020
Project type	Public Transport
Team Size	4 No BIM
Architect/GC	NSW Government

## D & D \_ Scope of Work

Our scope of work are as follows,

### 3D Model Update ( LOD – 400 )

Update the model with hangers and supports

### BIM Co-ordination

Co-ordination with other MEP and architectural, Structural.

### 2D Shop Drawing

Production of 2D design drawing of lighting and power systems as per the proper annotation .

## D & D'S Value Addition

D&D delivered a high-quality product within a short timeline and provided above mentioned assistance. This allowed for a faster and more cost-effective project completion, and more effective documents for execution and project turnover.

## D & D Execution Process

Our standard BIM execution process has been implemented to deliver this project.

**Stage 1:** - kick-off meeting has been arranged with client for better understanding of the project to start.

**Stage2:** - Project planning and delivery schedule has been prepared and shared with client.

**Stage3:** - Team members with Team lead has been allocated for the production activities as per delivery schedule.

**Final Stage:** -QC process has been implemented in the execution process before delivered to the client.

With the above process, we deliver the high-quality product to client.