



## Transportation

### Aviation

#### Client

Mumbai International Airport  
Private Limited

#### Location

Mumbai, India

## Chhatrapati Shivaji International Airport

### Project Highlights

- Providing program management, including program development and definition
- Providing design and construction management and coordination, and quality assurance services
- Applying value engineering and projects planning and control

### Project Description

CH2MHILL is the program manager providing program management consulting services for the US\$2 billion improvement program to upgrade Mumbai International Airport in India.

The 5-year expansion and modernization program is complex and constraint driven. The program will prepare Mumbai's sole commercial service airport to accommodate 40 million passengers and 1 million tons of cargo; the current passenger and cargo volumes have been growing at more than 15 percent per annum.

Identified capital projects include expansion and modernization of a new integrated terminal building and modernization of existing terminal, runway, and taxiway improvements; additional aprons; landside access; and miscellaneous support facilities.

Other key features include:

#### Airside Improvements

- Runway, taxiway, and apron-new and reconstruction
- Rescue and Fire Fighting Station and Airline Maintenance facilities
- Ground Service Equipment facilities (temporary and permanent)
- Airfield Electrical Vault (regulators, generator)
- Airport Surveillance Radar (ASR) relocation
- Bomb Pit and Fire Drill Area
- Drainage and utility work
- Safety and security improvements

#### New International Terminal (T2)

- Approximately 35 wide-body contact gates and 20 remote parking positions
- Phased decommissions and demolition on existing terminal

#### Expanding Existing Domestic Terminal (T1)

- T1C link between T1A and T1B
- Related apron improvements



## Landside Work

- Access roads and transit connections
- Mithi River and drainage system
- Water and wastewater systems; sewerage treatment plant
- Power supply; fuel storage
- Central HVAC plant(s)
- New Air Traffic Control Tower
- Airport administration building
- Airport maintenance facility, cargo facilities, catering facilities, parking facilities, and temple/shrine relocation
- Support and input to commercial development