

GAR AERO



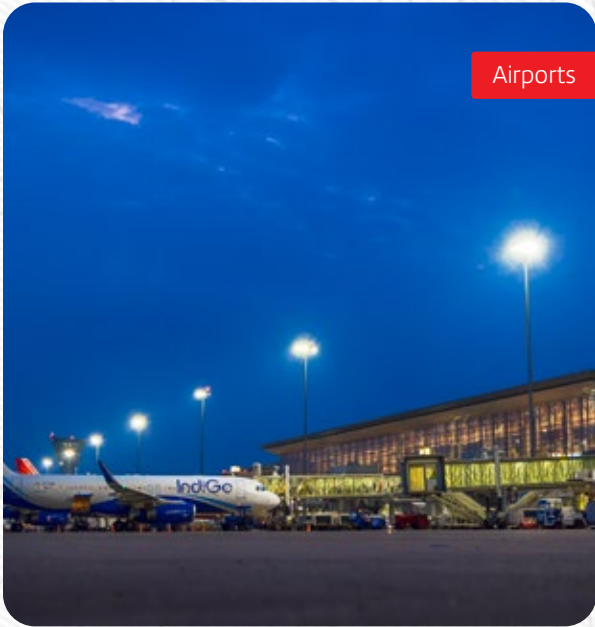
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connected world*





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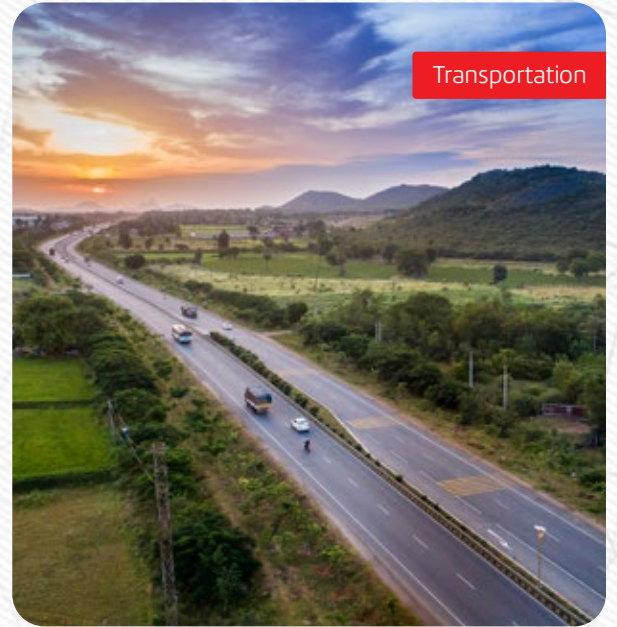
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Airports



Energy



Transportation



Urban Infrastructure



Services



Foundation

GMR **GROUP**

A LEGACY OF TRUST AND EXCELLENCE



GMR Group is a leading infrastructure developer that has an excellent track record of creating mega infrastructure projects globally. The Group owns, develops, operates and manages airports, major energy utilities, highways and urban infrastructure facilities. With a vibrant portfolio of projects, GMR Group is one of the largest infrastructure development companies in India.

At GMR, while quality and operational efficiencies guide all the strategic business areas, the Group accords equal emphasis on its work in the areas of Social Entrepreneurship and Corporate Social Responsibility. Through GMR Varalakshmi Foundation, the Group promotes and manages projects across the spectrum of Education, Health, Hygiene & Sanitation, Empowerment & Livelihoods and Community Development.

OUR VISION

GMR Group will be an institution in perpetuity that will build entrepreneurial organizations, making a difference to society through creation of value.

OUR VALUES & BELIEFS



HUMILITY

We value intellectual modesty and dislike false pride and arrogance



ENTREPRENEURSHIP

We seek opportunities – they are everywhere



TEAMWORK & RESPECT FOR INDIVIDUAL

Nurturing a relationship of trust, collaboration and mutual respect.



DELIVER THE PROMISE

We value a deep sense of responsibility and self discipline, to meet and surpass commitments made



LEARNING & INNER EXCELLENCE

We cherish the life long commitment to deepen our self awareness, explore, experiment and improve our potential



SOCIAL RESPONSIBILITY

Anticipating and meeting relevant and emerging needs of society



FINANCIAL PRUDENCE - FRUGALITY

We spend wisely and judiciously



OUR **AIRPORTS**

GMR Airports is the largest private airport operator in Asia and 2nd largest in the world with a passenger handling capacity of over 189 million annually. GMR Airports operates the iconic Delhi Airport, which is the largest and fastest-growing airport in India. It also runs Hyderabad Airport, a pioneering greenfield airport known for several technological innovations. The company also operates Manohar International Airport, Goa which is India's first destination Airport.

Expanding its overseas footprint, the company is developing and operating Kualanamu International Airport in Medan, Indonesia. GMR Airports is also providing technical services to the architecturally renowned and the second busiest airport in the Philippines, Mactan Cebu International Airport in Cebu.

The Group is currently developing two major greenfield airport projects in India and Greece. Bhogapuram airport in India is poised to transform the economy and landscape of the surrounding areas when ready. Crete airport in Greece will similarly play a significant role in the local economy of the region.

Our partners:

- **Groupé ADP**
- **Airports Authority of India**
- **Fraport AG Frankfurt Airport Service Worldwide**
- **Megawide Corporation**
- **Terna S. A.**
- **Angkasa Pura 2**
- **Respective Governments**



Hyderabad International Airport, India



Delhi International Airport, India



Mactan Cebu International Airport, Philippines



Goa International Airport, India



Heraklion Crete International Airport, Greece



Bhogapuram International Airport, India



Kualanamu International Airport, Indonesia



Nagpur International Airport, India



OUR **CAPABILITIES**



Over the years, GMR Group has acquired and developed overall Airport Development and Operations capabilities which has positioned it as a leading airport developer in the world with focus on Sustainability, Technology, Passenger experience and community building

The key capabilities developed and acquired are summarized below:

AIRPORT DEVELOPMENT

- 400 member strong Project Management team which has delivered projects worth nearly US \$5 billion
- Delivered new airports in record time viz., Terminal 3 measuring 5,02,000 sq. mts at Delhi was built in 37 months, whereas comparable airports take 60 months
- Istanbul Airport's new terminal measuring 2,00,000 sq. mts. was constructed in just 18 months

AIRPORT OPERATIONS & MANAGEMENT

- Experience of operating Greenfield and Brownfield Airports
- Expertise in Operation Philosophy, Practices and Management
- Airport Engineering Maintenance
- Approach to Predictive Maintenance has resulted in availability and serviceability of over 98%
- Focus on continuous improvement by leveraging People, Process and Systems

AIRPORT IT & SYSTEMS MANAGEMENT

- Robust IT expertise includes IT project management and development, IT performance tracking, Fuel Farm solutions, Airport Intelligence Framework and Process Automation
- Excellence culture has ensured availability of critical IT systems 99.99% of the time

ORAT

- Comprehensive ORAT Services from Planning and Scheduling to conducting of Trials & Training
- Airport Safety Audits and Assessment
- Consultancy for Commissioning and Handover of Equipment & Infrastructure
- O&M Role Support during transition period including establishment of SOPs and stabilization of operations

AIRPORT COMMERCIAL MANAGEMENT

- Understanding of non-aero revenue streams through its subsidiaries and joint ventures e.g., Duty Free, Fuel Farm, Cargo, F&B, Advertising, Car Park, Hotel as well as concession management
- Ensures value is retained with the airport operator

CARGO TERMINAL MANAGEMENT

- Focus on Operational Excellence
- Interface with government bodies and stakeholders to ensure fastest possible turnaround times
- Implementation of Automated Systems and Equipment

AIRPORT CITY DEVELOPMENT

- Pioneer in implementing the path-breaking Aerotropolis concept
- First phase comprising of 45 acres, named Hospitality District, already hosts more than 15 hotels, offices and retail spaces at Delhi Aerocity
- India's Largest Integrated Airport City spread over 1500 acres adjoining Hyderabad Airport is being developed as a hub for Offices, Retail, Leisure and Entertainment, Hospitality, Education and Healthcare



AIRPORT **DEVELOPMENT**

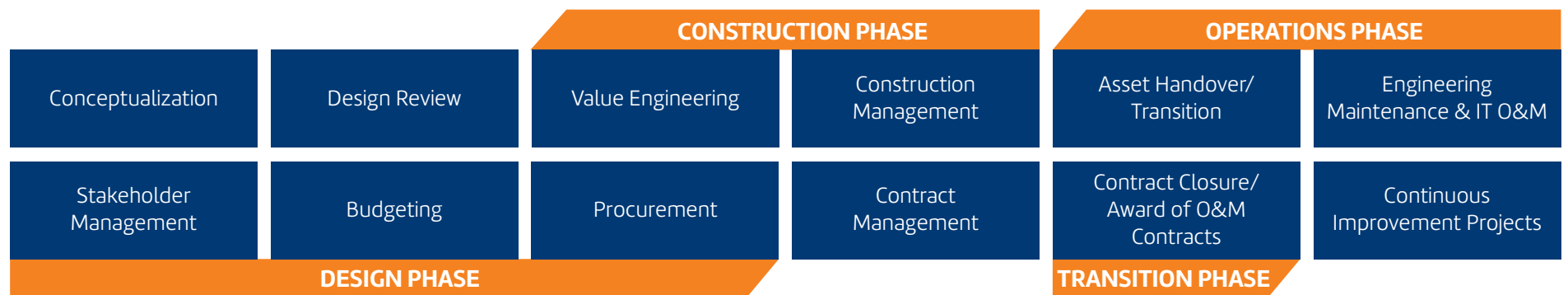


- 400 member strong Project Management team which has delivered projects in India and abroad.
- Besides developing one of the first greenfield airports in India at Hyderabad, the Group has delivered new airports in record time viz., Terminal 3 at Delhi and new terminal at Istanbul’s Sabiha Gokcen International Airport.
- In Philippines, the group in partnership with Megawide has developed the Mactan Cebu International Airport and has also successfully executed the EPC works for the Clark Airport.

PROJECT SERVICE OFFERINGS

- Project Evaluation
- Master-plan Review
- Feasibility Study
- Design Review
- Value Engineering
- Planning & Program Management
- Cost Estimation
- Procurement Strategy
- Contract Management
- Construction Management
- Airport Specialist & IT Systems
- Systems Integration
- Transition Management
- LEED Certification
- Landscaping
- Process Development
- ORAT

Expertise to provide end to end services for the entire life cycle of airport projects from concept to operations





AIRPORT **OPERATIONS & MANAGEMENT**



PROVIDE SERVICES IN THREE MAJOR AREAS OF OPERATIONS

- Defining the Operation Philosophy
- Setting up the Operation Practices
- Operations Management

EXPERIENCE OF OPERATING UNDER VARIED CONDITIONS

Greenfield Airports

- Formulation of operational processes and procedures
- Error free and seamless transition and commissioning
- Training and familiarization of internal and external stakeholders

Brownfield Airports

- Robust integration of existing and new processes and procedures aimed at improving efficiency
- Unhindered operations during development phase
- Integration of new infrastructure with existing infrastructure



Special Purpose Operations

- Extensive experience of handling operations during events such as the Commonwealth Games, Haj etc.
- Setting up of special purpose terminals
- Designated check-in counters and baggage reclaim areas

GMR AIRPORTS HAS LED MANY SUCCESSFUL INTEGRATIONS IN THE PAST

Integration Initiatives IGIA, Delhi, India

- Airfield and terminal capacity expansion works carried out during regular operations
- Took over nearly 3,000 existing employees
- Nearly 1,600 employees stayed with the Group after the two year mandatory period
- Focused training and integration initiatives

RGIA, Hyderabad, India

- Seamlessly completed relocation of the Airport to an area 30 km away
- Shifted the entire Airport community by efficient handling of various stakeholders

MCIA, Cebu, Philippines

- Seamlessly took over 200 existing employees handling Cebu airport
- Terminal and airside expansions were carried out in a live operating environment

ISGIA, Istanbul, Turkey

- New 2,00,000 sqm Terminal constructed adjacent to the existing Terminals in a record time
- Apron expansion was carried out in an operating airfield with no operational disruptions, including installation of fire hydrant system





OPERATIONS PLANNING MANAGEMENT & PHILOSOPHY

- Proven capabilities in formulating an operating philosophy that is customized for airport specific requirements (based on traffic, fleet mix, capacity issues, etc.)
- Adoption and implementation of best operating strategies to meet government and stakeholder expectations. (Operations, Safety Plan, Security Plan etc.)
- Expertise in Airport Operational Readiness Program and Business Continuity Planning across people, equipment, resources and future developments

Airside Operations

- Formulation of robust and effective Safety Management Systems (SMS)
- Analysis of Obstacle Limitation Surfaces and issuance of No Objection Certificates for development in and around the aerodrome
- Aerodrome Licensing & Certification

- Environment Management System and Wildlife Hazard Management
- Implementation of best practices for formulation of Standard Operating Procedures (in interface with ATC/ Defence, GH-Ramp Operations)
- Operational Service/Maintenance Contract

Terminal Operations

- International best practices and standard operating procedures for smooth and seamless passenger flow
- SOPs alignment and effectiveness to deliver and achieve service quality commitments from landside to airside
- Effective and robust operational service contracts

Fire & Rescue

- Thorough compliance of ICAO/ CAA/ NFPA practices and response times
- Effective aerodrome emergency planning and adoption of a preventive approach

- Robust Standard Operating Procedures for aircraft emergency & rescue and seamless interface for quick disabled aircraft recovery

Airport Operations Control Center

- Effective one stop window concept for real time proactive planning to enable operational efficiency and service level commitments
- Effective implementation plan for slot management and resource allocation
- Operations management driven by data analytics & AI
- Real Time dashboards available for predictive planning

Training & Certification

- In-house capabilities to provide professional certification and robust training for operational staff
- Exchange of best practices and knowledge through professional networking platforms



BPBUS A330-300

AIRPORT **ENGINEERING & MAINTENANCE**

A30 A342/31

Maintenance of airport assets that ensures the best industry standards and recommended practices are followed. Critical services include maintenance of:

- Electrical Systems
- Airfield Ground Lighting (AGL)
- Airport Systems (Baggage, People Movement, Screening, Docking)
- Building Services
- Water supply & Sewage treatment plants
- Airfield Pavements

In addition we also provide specialized services such as:

- Energy Management
- Inventory Management
- Contracts Management

OUR APPROACH



This approach has resulted in over 98% availability and serviceability of various systems.

CONTINUOUS IMPROVEMENT

While maintenance is a repetitive activity, at GMR we realize that maintenance costs have a direct impact on the bottom line of the business.

There is an unwavering focus on continuous growth, which is aimed at improving efficiency, prolonging asset life and driving down operational costs.

Some of the initiatives driven by innovative thinking that have been taken up are:

- Energy conservation
- Improvement of chiller efficiency
- RO reject water recovery system
- Manpower optimization

SLAs ARE ACHIEVED THROUGH A THREE PRONGED APPROACH OF PEOPLE, PROCESS AND SYSTEMS

STAFF TRANSITION:

A part of the project team has been deployed on Engineering Maintenance to ensure seamless transition.

Training:

Extensive training and familiarization sessions are conducted for members of the engineering team. Regular Training ensures that staff skill is upgraded in line with the changing system and business requirements.

CLEARLY DEFINED SOPs:

Over 100 SOPs, pertaining to all aspects of airport asset and system maintenance have been defined and strictly adhered to.

MAINTENANCE MANAGEMENT SYSTEMS:

Centralized monitoring and recording of all scheduled maintenance activities, breakdowns/ failures, implementation of corrective actions, complaint management and resolution times.

AUTOMATED SYSTEMS:

Building Management Systems:

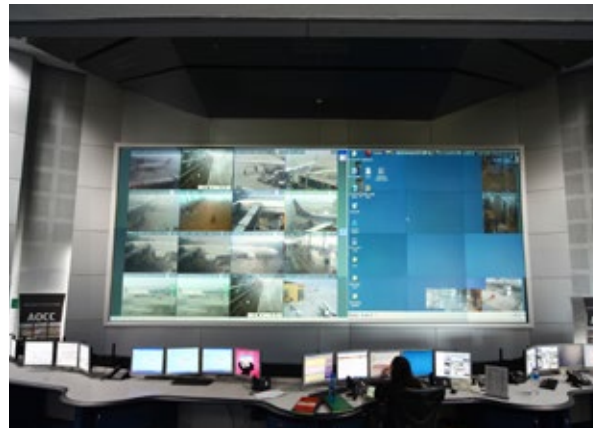
Centralised control and monitoring of building systems such as HVAC, lighting, escalators and elevators etc., and their automated systems.

(Other automated systems include BHS, AGL, CCTV etc.)





AIRPORT **IT & SYSTEMS** MANAGEMENT



ROBUST IT EXPERTISE ACROSS PROJECTS, ENSURING AVAILABILITY OF OVER 99.99% OF CRITICAL SYSTEMS

- IT project management and development
- Evaluating IT systems design to suit airport operations and passenger flow
- IT program management and co-ordination between operations and project teams
- IT performance tracking and reporting (progress and interface)
- Fuel Farm Solutions – Fuel Management System
- Airport Intelligence Frameworks, Integrated MIS
- Process Automation across airport business entities
- Network security ISO27001 certification
- Collaborative Decision Making System for airports

Strategic Approach for Airport IT Operations & Maintenance

- Mapping of business processes with ITIL standards
- Alignment of Standard Operations Procedures for IT systems based on the Airport functions and procedures
- Resource allocation of IT staff based on the aircraft movement schedules
- Consolidation of multiple help desks such as IT, Engineering, HR, etc.
- Set up of cross functional teams trained in Airport IT subsystems
- Deployment of best practices for IT operations
- Strategic plan on improvement of efficiency and productivity

IT Service Offerings

- Preliminary & Detailed Designs
- Cost Estimates
- Implementation Management
- Testing Process (POC, LAT, SAT and TAT)
- Trial Scenario and Migration plans for the Airport
- Preparation & Validation of Standard Operating Procedures
- Compliance with IATA and ICAO standards
- End-to-end seamless e-Boarding facility for domestic passengers integrated with all domestic carriers



AIRPORT **COMMERCIAL MANAGEMENT**



Business Operations

- Concession management
- Account planning & management
- Awards & incentives
- Revenue management
- Training
- Thought leadership



Marketing & Branding

- Brand development
- Below the line activities
- Market research
- Leveraging social media

Revenue Enhancement

- Stakeholder Engagement
- Research and Business Intelligence
- Competency Gap Analysis
- Airport Benchmarking

VAST EXPERIENCE ACROSS THE ENTIRE SPECTRUM

Business Framework

- Business Structuring
- Tender process & selection of concessionaire
- Concept planning & development
- Category planning
- Layout planning & overall ambience
- Developing the Brand Matrix



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SAVE

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Marlboro

OUR

£7,510

UK CITY

£36,890

DIOR

HENRI

£1590

£1000

£14000

£5,500 €6000

ABSOLUT

£1500

£1000

£14000

Gate 1-26

KEEP W



VALUE CREATION ACROSS ALL THE VERTICALS IN COMMERCIAL MANAGEMENT

Non - Aero & Aero

GMR and its subsidiaries, through innovative structuring, have ensured maximum yield and control on operations for various airports:

- Designing and running the tender process for selection of concessionaires
- Identification of the most suitable concessionaires to run each commercial outlet and ensuring revenue assurance
- Structuring the concessions in a way that maximizes the yield to the airport and allows the airport to contribute to the business thereby enabling win-win situation for both airport as well as the concessionaire

Owning significant stakes in each of the concessions has helped GMR to hone its capabilities. We have been able to replicate this across other airports.

GMR THROUGH ITS SUBSIDIARIES & JOINT VENTURES HAS PARTICIPATED ACROSS A VARIETY OF CONCESSIONS

- Duty Free
- Fuel farm

- Cargo
- F&B
- Advertising
- Car Park
- Hotel
- MRO
- Aviation Services

Clear understanding of all commercial businesses through equity ownership.

IMPLEMENTATION OF ROBUST PROCESSES & SYSTEM TO ENSURE SMOOTH & EFFICIENT OPERATIONS

- Development of commercial operation manuals which assists operations management team in monitoring the overall functioning of concessionaires viz. staff management; store operations; store audit; health and safety parameters; contractual clauses and conditions
- Implementation of KPI based performance management system
- Formulating and updating the account plan for concessionaire management
- Stakeholder engagement



DILLI STREET

TUMBLA TUMBLA

USTAD BIRYANI
SUPREME
USTAD KEMAS

DILLI STREET

दिल्ली DE

NEKOS

SUBWAY

DILLI STREET

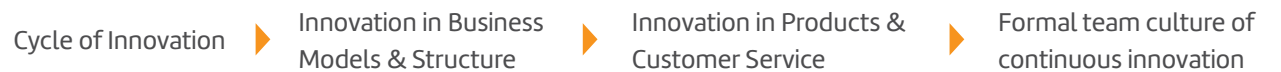
DILLI STREET

DILLI STREET

RETAIL: IMPLEMENTATION OF SEVERAL FIRST-TO-INDIA CATEGORIES & CONCEPTS



IMPLEMENTATION OF CYCLE OF INNOVATION FOR AIRPORT COMMERCIALS





CARGO TERMINAL **MANAGEMENT**



IMPLEMENTATION OF AUTOMATED SYSTEMS AND EQUIPMENT

- Overall layout and terminal plan for cargo
- Appropriate Cargo systems – Lift & Run, CTI etc.
- Best-in-class equipment – as per the cargo demand, peak loads and cargo type
- Warehousing & cold storage

Operational excellence

- Handling efficiency for more than 15 t/sqm
- Improved customs as well as handling performance
- Minimization of demurrage
- Cost and process optimization

Network expansion and marketing

- Best airline network/services (international/ domestic)

- Presence of Global Freight Forwarders
- Focused and active marketing tie-ups (coupled with incentives and facilities) for key shippers
- Availability of Bonded Freight Station network

Creation of hubs that has led to regional traffic development at its Airports

- IGIA, Delhi (1st Hub Airport in India)
- RGIA, Hyderabad (Hub Airport for the region)

Cargo Village at Delhi Airport

- Being developed over an area of about 45 acres including specialized cargo zones
- Integrated IT solution (Cargo Community System) to provide common platform for information exchange to all stakeholders

- Improvements leading to significant operational efficiency

Logistics park at Hyderabad Airport

- Being developed over an area of 20 acres of FTZ (Free Trade Zone); Notified FTZ targeting 3PL players / Integrators
- 250 acres of multiservice and product SEZ
- India's first Integrated Cargo Terminal with Pharma Zone; WHO- GSDP Certified facility



AIRPORT CITY DEVELOPMENT



GMR Group is working towards bringing to life a highly innovative concept of an “Airport City” which is being developed around Delhi and Hyderabad Airports.

AEROCITY, DELHI

- Safe, Smart and Sustainable Commercial District providing highly connected and interactive urban precincts for socio-economic growth of the Airport community
- A destination for travellers & locals to work, conduct business, shop and be entertained
- The first phase comprising of 45 acres, named Hospitality District, already hosts more than 11 hotels, office and retail spaces, with well laid out public amenities
- Comprehensive plan to develop the remaining 185 acres under the planned Gateway & Downtown districts



AEROCITY, HYDERABAD



- India’s Largest Integrated Airport City adjoining Hyderabad Airport consisting of Offices, Retail, Leisure and Entertainment, Hospitality, Education and Healthcare
- Hyderabad Airport City offers unparalleled multimodal connectivity, high quality reliable infrastructure and utilities
- India’s only airport based operational world-class Aerospace & Industrial Park housing global brands
- India’s First and only Airport with a Free Trade Zone (GIFTZ) linked to global hubs through the airport’s modern cargo hub
- The Aerospace Park houses a fully equipped aircraft MRO facility



INDIRA GANDHI **INTERNATIONAL AIRPORT, DELHI (DEL)**



Delhi Airport is India's largest and amongst the busiest airports in the world. It consists of 3 operational passenger terminals and 4 runways.

With state of the art infrastructure and ultramodern passenger amenities it is truly India's Gateway to the world. It is amongst the few airports globally to have an elevated taxiway, a unique feature that not only

enhances operational efficiency but also contributes towards making the airport sustainable and future ready. Delhi Airport has been consistently rated amongst the top airports globally by Airports Council International on Airport Service Quality parameters.

A symbol of India's aviation prowess, Delhi Airport seamlessly blends scale, innovation, and accolades on the global stage.

Further DIAL has undertaken a mega capacity expansion including addition of a fourth runway,

development of Elevated Dual Taxiway and renovation of the existing Terminal 1 enabling it to enter the 100 million passenger handling capacity Airport club.

Delhi Airport has two integrated Cargo Terminals with an annual handling capacity of 1.8 million metric tonnes, which is scalable to 2.3 million metric tonnes. The Cargo Terminals have dedicated facilities for perishable, pharma, and express segments of cargo. It has 12 Dedicated Cargo Freighter Bays – the highest in the country.





TERMINAL 3

Key Features:

One of the largest terminal in the world and the biggest in India, Terminal 3 (T3) is 5,02,000 sq. mts. in area and can handle 40 million passengers per annum.

- CAT III compatibility & suitable for A380 operations
- Highest number of aerobridges (78 nos.) in the world in a single terminal
- The two tier terminal building features the departure complex on the upper level and arrival on the lower level. The roof of the building has stylized incisions to allow daylight
- The arrival hall features 14 nos. standard and wide-body baggage reclaim belts with state-of-the-art, 5 level in-line baggage screening systems
- One of the longest travelators in Asia of 118 meters length
- Over 200 immigration counters
- 220 Common User Terminal Equipment (CUTE) check-in counters
- World-class security with over 3,500 CCTVs used for monitoring
- 4 piers provide access to aircraft from the terminal
- India's first Airport transit hotel located within T3
- Passenger facilities such as restaurants, shopping, duty-free complexes, modern communication equipment and executive lounges
- India's first automated multi-level car park with a capacity of 4,300 cars
- India's first Airport to be connected by Metro rail
- Terminal 3 has been awarded the LEED GOLD rating, later upgraded to Platinum

TERMINAL 1

The new Terminal 1 with world-class facilities is part of Delhi Airport's mega Phase 3A expansion project and will cater to domestic traffic. The expansion of Terminal 1 has resulted in the increase in area of the new integrated terminal building from 64,140 square metres to 192,985 square metres with passenger handling capacity doubling from 20 to 40 million passengers per annum.

Terminal 1 is equipped with 22 contact stands, 13 bus boarding gates, 100 check in counters including Self Baggage Drop kiosks, 10 baggage reclaim carousels & several facilities that leverage the latest technology and aim to enhance passenger experience.

With a newly constructed Apron spanning 6,29,285 square metres, Terminal 1 will be able to cater to 60 remote stands including 8 MARS stands.



TERMINAL 2

In order to keep up with the growing passenger traffic, DIAL has renovated the mothballed Terminal 2 which now caters to partial domestic operations. The terminal is equipped with 80 check in counters, 22 self check in kiosks, 16 boarding gates including aerobridges and 6 baggage reclaim belts.



RAJIV GANDHI **INTERNATIONAL AIRPORT, HYDERABAD (HYD)**



Rajiv Gandhi International Airport (RGIA) in Hyderabad, Telangana, is amongst the first Greenfield airports in India. The airport was developed through the PPP model by a joint venture. It is promoted by the GMR Group (74%) in partnership with the Government of Telangana (13%) and the Airports Authority of India (13%). Hyderabad Airport was commissioned in a record time of 31 months in March 2008, with an initial capacity of 12 million passengers per annum (MPPA) and 1,50,000 MT of Cargo handling capacity per annum.

Key Features:

- Only Greenfield airport in the country to have a stand-by runway
- Second longest runway in India, measuring 4.26 Km, which is A380 compatible
- Modular terminal building using state-of-the-art IT technology
- Integrated Passenger terminal building spread over an area of 3.79 lakh sq. mts. of floor space
- 93 aircraft parking stands (44 contact stands + 49 remote stands) and five dedicated stands for freighter aircraft
- 149 Common User Terminal Equipment (CUTE) check-in desks, 64 of which with self-baggage drops
- 15 bed Apollo Hospital in the Passenger Terminal Building
- Car park facility for 2,800 cars
- Fully automated Airport Operations Control Centre (AOCC)
- A contemporary hotel under Novotel brand equipped with a spa, business conference facilities, restaurants and bars
- First Airport in India to get LEED (Leadership in Energy & Environmental Design) “Silver” rating
- A 10MW Solar Power Plant for its captive use

The Airport has just completed its expansion project to take its capacity to 43 MPPA.



MACTAN CEBU **INTERNATIONAL AIRPORT, PHILIPPINES (CEB)**



Mactan Cebu International Airport (MCIA), the gateway to the Visayas and Southern Philippines, is the second largest Airport facility in Philippines. The commencement of operations from the new Terminal 2 and the renovation of Terminal 1 has enhanced the passenger handling capacity to 15.8 mn. In 2018 the airport hosted 11.5 million passengers.

GMR Infrastructure in partnership with Megawide Construction Corporation of Philippines entered into a concession agreement to manage the terminal operations and other related areas of the Airport. Under the Public-Private partnership framework,

the second terminal, T2, was commissioned which became operational on 1st July, 2018. GMCAC undertook this capital extensive project and delivered a world class terminal with a welcoming ambience that is distinctly Filipino. The existing Terminal has been rehabilitated to reduce the congestion as well as meet the growing passenger traffic.

With a total of 23 international destinations, 28 domestic destinations and 28 partner airline carriers, Mactan Cebu Airport is now a viable choice that connects Cebu to rest of the Philippines and across the globe.

Key Features:

- 13 aircraft parking stands with aerobridges and 28 aircraft parking stands served by bus transfers

- Dedicated international and domestic terminals connected by link bridge for the convenient flight connections
- Airport terminals that reflect the rich Cebuano heritage and culture in a modern design
- A total of 110 check-in counters for international and domestic flights for passenger convenience
- Unique and exciting retail facilities including shopping and food & beverage
- Enhanced in-line automated baggage handling system
- Adequate parking facilities for passengers and visitors
- Airport village mall complex adjoining the terminal with retail and entertainment options



MANOHAR **INTERNATIONAL AIRPORT, GOA**



GMR Goa International Airport Limited (GGIAL) has developed a Greenfield Airport at Mopa on a Public Private Partnership (PPP) model, with a scope to Design, Build, Finance, Operate and Transfer (DBFOT). The concession agreement has been signed between GMR Goa International Airport Ltd. (GGIAL) and the Government of Goa for 40 years with a possible extension of another 20 years through a bid process.

Goa is a State in western India with approximately 100-km long coastline with tourism as the primary industry. It handles 13% of all foreign tourist arrivals in India. The Airport Project is located approximately 35 kms North of Panjim, the Goa state capital.

The total land allocated is ~2,100 acres which includes 232 acres for Aerocity Development. GGIAL has been developed to service about 4.4 million passengers per annum in the first phase and will be scaled up as per traffic growth demands.

Key Features:

- First destination Airport in India
- Fully integrated terminal with 24x7 operations

- Modular terminal building with state of art IT technology
- 22 Check-in Counters, 13 Self Check-in Kiosks
- 3750 metres code-E compliant runway with CAT 1 landing facility
- Fully automated Airport Operations Control Centre (AOCC)
- Infrastructure which is capable to scale up to 40 MPPA
- Proximity to popular tourist destinations that account for 70% of the market
- This Airport will provide significant impetus to the tourism industry in Goa and will be a catalyst for socio-economic development of the region

A wide-angle photograph of the Kualanamu International Airport terminal building. The building features a large, curved glass facade and a series of white, arched roof structures. In the foreground, a white and orange train is stopped at a platform. The sky is blue with scattered white clouds. The text "KUALANAMU INTERNATIONAL AIRPORT" is visible on the roof of the terminal, followed by the Indonesian flag.

KUALANAMU INTERNATIONAL AIRPORT 

KUALANAMU **INTERNATIONAL AIRPORT, INDONESIA**



Marking its entry into the high growth Indonesian Market, GMR has entered into a partnership with Angkasa Pura 2 (AP2) for the development and operations of Kualanamu International Airport in Medan, Indonesia. AP2 is a state-owned enterprise handling 15 airports in Indonesia including Jakarta. Kualanamu airport serves the bustling city of Medan, the capital of North Sumatra region which is a busy trading hub and has a historical association with India. The airport enjoys seamless connectivity with the city, a large catchment area of 4th largest urban centre in Indonesia and a strategic location in ASEAN. The airport is therefore well placed to be developed as a hub connecting Indonesia and

the broader South East Asia market with the Indian subcontinent. The airport will be developed in 5 phases over the co-operation period of 25 years. At the end of the co-operation period, the airport would have a fully functional second airfield as well as a technology enabled integrated terminal handling over 55 million annual passengers. This development will bring significant connectivity, investment, and economic benefits to the city of Medan, island of Sumatra and Indonesia overall.





BHOGAPURAM **INTERNATIONAL AIRPORT, ANDHRA PRADESH**




VISAKHAPATNAM INTERNATIONAL AIRPORT | GMR AERO

GMR Visakhapatnam International Airport Limited (GVIAL) is developing a Greenfield international airport at Bhogapuram with the Government of Andhra Pradesh.

The project involves design, build, finance, construction, development, operation and maintenance of Greenfield International Airport at Bhogapuram for the period of 40 years, extendable by additional 20 years through international competitive bidding process.

The proposed greenfield airport site lies on the border of Visakhapatnam and Vizianagaram districts, and is

approximately 45 kms from Visakhapatnam. The site is strategically located on the east coast and stands to benefit from the vast catchment area surrounding the region. Moreover, the beach corridor development is underway in proximity to the proposed International Airport in Bhogapuram which will provide impetus to retail and hospitality development in the region.

Key features:

- Spread across 2203.26 acres
- Construction of Phase I is expected to be completed within 36 months
- 18 Aircraft parking stands in phase 1 with 7 aerobridges
- Instrument landing system with CAT 1 approach to enable aircraft movements throughout the year
- 3800 mtrs. long runway capable of handling largest aircraft like A380
- Smart Airport with a focus on environment sustainability and social development of the region through inclusive approach



HERAKLION CRETE **INTERNATIONAL AIRPORT, GREECE**



Crete is the second largest International tourist destination in Greece after its capital, Athens. Heraklion Airport is the largest airport in the Crete region. With the passenger traffic of ~8 million passengers per annum, it commands 17% of the total International traffic into Greece. The New Heraklion International Airport at Kasteli, will replace the existing airport.

The Airport is being developed by GMR in consortium with local partner GEK TERNA. The scope of the project includes Design, Construction, Finance, Operation and Maintenance of the Airport. Greece attracted as many as ~33 million visitors in 2019, up from 24 million in 2015, making Greece one of

the most visited countries in Europe and the world and contributing nearly 25% to the nation's Gross Domestic Product.

Key Features:

- First Phase Capacity: ~15 Mn pax
- Concession period: 35 years; First Phase construction to be carried out in 60 months
- Expected Initial Capex: ~Euro 520 Mn
- Equity Stake offered to the State: 45.9%
- Consortium: GEK TERNA and GMR Airports Limited





AWARDS & **RECOGNITION**



Prominent Awards

INDIRA GANDHI INTERNATIONAL AIRPORT

- Best Airport in Asia Pacific in the category of over 40 million passengers per annum(mppa) by Airports Council International (ACI) for Airport Service Quality (ASQ) for five consecutive years (2018 – 2023).
- Skytrax Award for Best Airport in India and Central Asia (2019 – 2024)
- Platinum Recognition’(highest category) in ACI Asia-Pacific Green Airports Recognition 2021
- First Airport in Asia Pacific region to achieve “Level 4+, Transition” under Airport Carbon Accreditation of ACI (2020)
- ‘National Energy Leader’ award for Excellence in Energy Management by CII- Green Business Centre (GBC) –2020

RAJIV GANDHI INTERNATIONAL AIRPORT

- Best Airport in Asia Pacific in the category of 15–25 million passengers per annum(mppa) by Size and Region by Airports Council International (ACI) for Airport Service Quality (ASQ) in 2020 – 2023.
- Best Regional Airport in India and Central Asia by Skytrax in (2019 – 2022)
- ‘Best Airport in Environment & Ambience by Size’, Asia-Pacific region for 2019, in its category of 15–25 MPPA by ACI
- Achieved “Level 3+, Neutrality” under Airport Carbon Accreditation of Airports Council International (Achieved in 2016,renewed in 2019).
- ‘National Energy Leader’ award for Excellence in Energy Management by CII- Green Business Centre (GBC) –2020

MACTAN CEBU INTERNATIONAL AIRPORT

- International Architecture Awards (IAA) for Airports and Transportation Centers Category for Terminal 2 by the Chicago Athenaeum: Museum of Architecture and Design and The European Centre for Architecture Art Design and Urban Studies, 2019
- Asia-Pacific Medium Airport of the Year by CAPA – Center for Aviation, 2018
- Best Regional Airport in Asia Pacific by OC.APA – Center for Aviation, 2016
- Airport Health Accreditation Certification by Airports Council International, 2021.



TERMINAL 3

टर्मिनल 3

AIRPORT **ECONOMIC IMPACT STUDY**

KEY FINDINGS OF THE ECONOMIC IMPACT STUDY

Indira Gandhi International Airport, Delhi*

This study provides an assessment of the economic impact of Delhi International Airport Limited on the regional and the national economies in terms of output, value added income and employment.

- Delhi Airport operations have a considerable economic and social impact in Delhi – NCR and its surrounding regions. These benefits extend far beyond the boundary of the Airport and its community.
- As per a study by National Council for Applied Economic Research (NCAER), the Delhi Airport contributed 0.70% to the National GDP and a whopping 17.89% to the GSDP of Delhi in 2014–15.
- Based on NCAER's projection of traffic in 2025–26, the impact on value added after taking into account direct, indirect and induced effects will work out to be ₹ 2,40,356 crore, 60% of estimated national GVA. The impact on employment after taking into account direct, indirect and induced effects will be ₹ 40.22 lakh, 0.58% of total estimated workers.

Rajiv Gandhi International Airport, Hyderabad**

A similar assessment of the economic impact of Hyderabad's RGIA was conducted and the key findings were as follows:

- RGIA's operations (consists of air transport and air services) contributed ₹ 75.9 billion to the national GDP in a single year during 2009–10.
- RGIA's contribution relative to Andhra Pradesh's GSDP was 1.55% in 2009–10. By 2020–21, RGIA's total income impact (direct + indirect + induced) to Telangana economy will increase to 2.053% of GSDP.
- RGIA's operations contributed 840,000 jobs (0.18% of national employment) in 2009–10. As a ratio to Andhra Pradesh's employment its contribution was 2.45%. RGIA's construction activities contributed 121.7 thousand jobs during the entire construction phase.

* conducted by National Council of Applied Economic Research (NCAER) ** conducted by Yöntem Research Consultancy Ltd.



GMR AERO **SERVICES**



GEMS

GMR Engineering & Management Services



RAXA

Raxa Techno Security Solutions



GMRAA

GMR Aero Academy



GMR Aviation

Aircraft Renting & Other Services

Outsourcing of services to achieve efficiency and economy in operations with an overall objective of adding value to the business is a strategy that is being pursued by many progressive corporates the world over. This is also getting reflected in the rapid growth worldwide in the services sector.

Realizing the growing need to achieve this objective, GMR Aero Services has been formed to offer under its umbrella a bouquet of services to diverse organizations, albeit with a special focus on airports. The tremendous experience and expertise gained over the years by the GMR group in the creation and subsequent operation of prominent airports in India and overseas has enabled the new business to leverage and offer this experience and expertise in the form of much needed services by airports and other organizations.

ALLIED SERVICES

- Bridge Mounted Equipment (BME) & Passenger Boarding Bridges (PBB) Services
- Airport Rescue & Fire Fighting (ARFF)
- Terminal Operations
- Environmental Management
- Airport Operation Control Centre (AOCC)
- FBO Services
- Airport Management Consultancy

GMR AERO

GMR Airports Limited

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