Tepe Akfen

TAV

Construction

WE BUILD AIRPORTS FOR CITIES

AND CITIES FOR AIRPORTS

Tepe Akfen
TAV
Construction

CONTENTS

ABOUT

TAV Construction is a member of the TAV Group Company; founded in 1997, by two leading Turkish construction enterprises, namely Tepe Construction and Akfen Construction.

The driving force behind the establishment of the TAV Group was the acquisition of the build-operate-transfer tender of the new Istanbul Ataturk International Airport.

Foreseeing the tremendous growth of the aviation and travel sectors both in Turkey and internationally, the founders of the Company established TAV Construction in 2003 with the vision to become a leading brand in airport construction.

In less than a decade, the Company achieved to undertake projects more than 16 billion US dollars in contract value and has rapidly become Turkey's undisputed leader in the sector. Engineering News Record magazine ranked TAV Construction as the World's 2nd largest airport contractor.

In 2012, 49% of its shares has been acquired by Aéroports de Paris Group; building a worldwide leading partnership in the Airport Industry.

Featuring futuristic and ultra-modern airports which are both functional and aesthetically pleasing, TAV Construction has distinguished itself by its know-how, technology and worldwide experience. Moreover, using the latest high-tech innovations in the industry, it is able to complete projects in record time, simultaneously maintaining the highest standards of quality, health and safety in its work.

Even though TAV Construction's main activity and area of expertise is the building of airports and related facilities, TAV team applied this know-how to non-aviation projects as well and expanded its portfolio with futuristic tower projects that mark the stunning skylines of the cities of tomorrow.

TAV Construction's recognition as a world-class contractor is the result of the skilled engineers and workers committed to enhance client satisfaction and its corporate culture based on flexibility and responsiveness. TAV Construction will add new chapters to its success story and continue to build "Airports for Cities and Cities for Airports".

Completed Projects

Turkey

Istanbul Ataturk International Airport

Ankara Esenboga International Airport

Izmir Adnan Menderes International Airport

Antalya Gazipasa International Airport

Qatar

Hamad International Airport Passenger Terminal Complex

Egypt

Cairo International Airport TB3 Terminal

Tunisia

Enfidha Hammamet International Airport

Macedonia

Skopje International Airport

Ohrid International Airport

Georgia

Tbilisi International Airport

Batumi International Airport

United Arab Emirates

Emirates Airlines A380 Maintenance Hangars

Sulafa Tower

Towheed Iranian School

Emirates Financial Towers

Times Square Center Shopping Mall

Majestic Tower

ENR 13 TOP 250

The World's 2nd Largest

Total Contract Value of Projects
USD 16,2 billion

Total Construction Work Area
Over 4 million m²

OVERVIEW

Airport Construction Company

Ongoing Projects

Oman

Muscat International Airport MC1 Infrastructure Works

Saudi Arabia

Madinah Prince Mohammad Bin Abdulaziz International Airport

Jeddah King Abdul Aziz International Airport Aircraft Maintenance Hangars

Riyadh King Khaled International Airport Terminal 5

United Arab Emirates

Abu Dhabi International Airport Midfield Terminal Complex

The Dream Dubai Marina

Damac Towers by Paramount

Libya

New Tripoli International Airport

New Sebha International Airport

Services

Construction; the core business since the company's establishment.

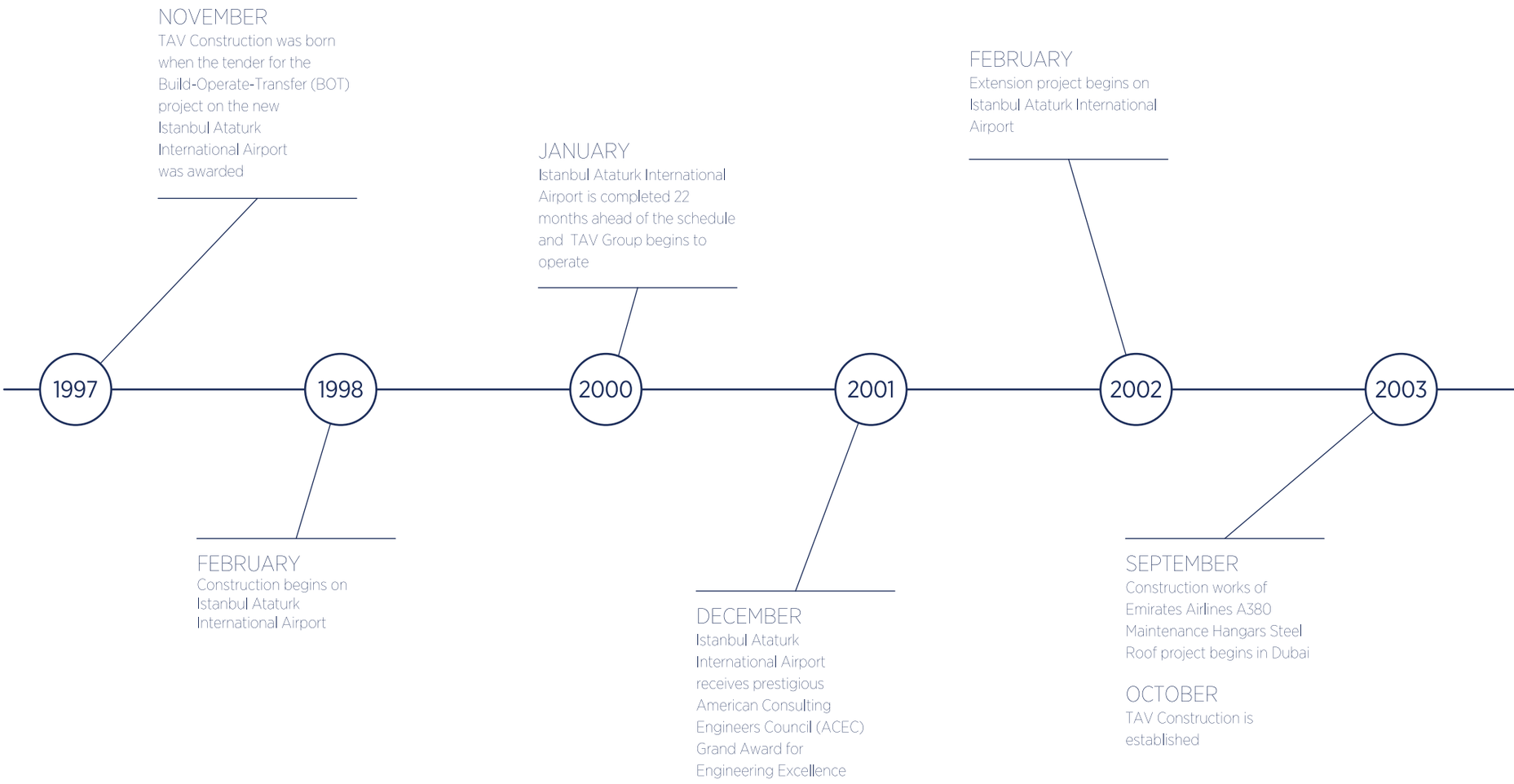
Design; the only private design group in Turkey that is specialized enough to design an entire airport.

Project financing; the proven success in build-operate-transfer (BOT) agreements and contract financing of construction projects.

Procurement; the best possible total cost of ownership/operation, either being simple or complex procurement works of a project concentrating on finding long term partners and suppliers.

Project management; the highest level of skills and knowledge of phasing, construction methodologies, safety, value engineering and analysis, cost control and estimating and total project scheduling.

MILESTONES


1997
NOVEMBER
TAV Construction was born when the tender for the Build-Operate-Transfer (BOT) project on the new Istanbul Ataturk International Airport was awarded
1998
FEBRUARY
Construction begins on Istanbul Ataturk International Airport
2000
JANUARY
Istanbul Ataturk International Airport is completed 22 months ahead of the schedule and TAV Group begins to operate
2001
DECEMBER
Istanbul Ataturk International Airport receives prestigious American Consulting Engineers Council (ACEC) Grand Award for Engineering Excellence
2002
FEBRUARY
Extension project begins on Istanbul Ataturk International Airport
2003
SEPTEMBER
Construction works of Emirates Airlines A380 Maintenance Hangars Steel Roof project begins in Dubai
OCTOBER
TAV Construction is established

2004

MAY
Istanbul Ataturk International Airport terminal extension project is completed

SEPTEMBER
Ankara Esenboga International Airport New Domestic and International Terminal construction contract is signed

DECEMBER
Cairo International Airport TB3 Terminal construction contract is signed

2005

MARCH
Construction of Towheed Iranian School and Times Square Center Shopping Mall in Dubai begins.

MAY
New Izmir Adnan Menderes International Airport construction contract is signed

JULY
Construction begins on 52 storey Majestic Tower luxury residences in Sharjah, U.A.E.

SEPTEMBER
Contract is signed for the construction of Tbilisi and Batumi International Airports in Georgia Construction begins in Tbilisi Airport

NOVEMBER
Emirates Airlines A380 Maintenance Hangars Steel Roof is completed

DECEMBER
Refurbishment works started at Istanbul Ataturk International Airport

2006

MARCH
Letter of award is received for Hamad International Airport Terminal Building and Concourses A & B.

MAY
Construction begins in Batumi International Airport.

SEPTEMBER
New Izmir Adnan Menderes International Airport is completed.

OCTOBER
Ankara Esenboga International Airport New Domestic and International Terminal is completed.

NOVEMBER
Construction works of Sulafa Tower in Dubai begins.

DECEMBER
Towheed Iranian School is completed.

Refurbishment works are completed at Istanbul Ataturk International Airport.

2007

FEBRUARY
Tbilisi International Airport is completed

MARCH
Times Square Center Shopping Mall is completed

APRIL
Construction of Emirates Financial Towers begins in Dubai

MAY
Contract for Hamad International Airport is extented to Concourse C
Batumi International Airport is completed

JUNE
Construction begins on Enfidha Hammamet International Airport in Tunisia

SEPTEMBER
Tender is awarded for the construction of New Tripoli International Airport Terminal Buildings in Libya

2008

MARCH
Construction of The Dream Dubai Marina Hotel and Residences in Dubai is awarded

JUNE
Tender is awarded for the construction of New Sebha International Airport in Libya

AUGUST
Construction of Antalya Gazipasa International Airport is awarded

SEPTEMBER
Trigeneration project started at Istanbul Ataturk International Airport

NOVEMBER
Extension works of Istanbul Ataturk Airport International and Domestic Terminals started

DECEMBER
Cairo International Airport TB3 Terminal is completed.

2009

JUNE
Majestic Tower is completed

JULY
Infrastructure works of Muscat International Airport are awarded

Alanya Gazipasa International Airport is completed

NOVEMBER
Enfidha Hammamet International Airport is completed

2010

FEBRUARY
Istanbul Ataturk International Airport Extension Works are completed

MARCH
Construction begins on Skopje Alexander The Great International Airport in Macedonia.
Renovation works begin in Ohrid St.Paul The Apostle International Airport

DECEMBER
Sulafa Tower is completed

2011

FEBRUARY
Abu Dhabi International Airport Waterproofing Works and Foundation Pile Caps Construction are completed

APRIL
Tender is awarded for the design and construction of the Aircraft Maintenance, Repair and Operation facility at King Abdulaziz International Airport in Jeddah

2012

FEBRUARY
New Terminal Building Waterproofing Works and Foundation Pile Caps Construction begin in Abu Dhabi International Airport

MARCH
Ohrid St.Paul The Apostle International Airport is completed

JUNE
Emirates Financial Towers are completed

NOVEMBER
Skopje Alexander The Great International Airport is completed

JUNE
Tender is awarded for the construction of Abu Dhabi International Airport Midfield Terminal Complex

Madinah Prince Mohammad Bin Abdulaziz International Airport project contract is signed

Construction of the New Domestic Terminal Building in İzmir Adnan Menderes International Airport started

DECEMBER
TAV Construction ranked as 4th in ENR Top 225 International Airport Contractors List

2013

FEBRUARY
Riyadh King Khaled International Airport design and build contract is signed

SEPTEMBER
Tender is awarded for the construction of Damac Towers by Paramount in Dubai

DECEMBER
TAV Construction ranked as 2nd in ENR Top 250 International Airport Contractors List

2014

APRIL
Hamad International Airport Passenger Terminal Complex is completed
Izmir Adnan Menderes International Airport New Domestic Terminal Building is completed

AVIATION PROJECTS

TURKEY

Istanbul Ataturk International Airport

Ankara Esenboga International Airport

Izmir Adnan Menderes International Airport

Antalya Gazipasa International Airport

UNITED ARAB EMIRATES

Emirates Airlines A380 Maintenance Hangars

Abu Dhabi International Airport Midfield Terminal Complex

QATAR

Hamad International Airport Passenger Terminal Complex

OMAN

Muscat International Airport MC1 Infrastructure Works

SAUDI ARABIA

Madinah Prince Mohammad Bin Abdulaziz International Airport

Jeddah King Abdul Aziz International Airport Aircraft Maintenance Hangars

Riyad King Khaled International Airport Terminal 5

EGYPT

Cairo International Airport
TB3 Terminal

TUNISIA

Enfidha Hammamet
International Airport

MACEDONIA

Skopje Alexander The
Great International Airport

Ohrid St.Paul The Apostle
International Airport

LIBYA

New Tripoli International
Airport

New Sebha International
Airport

GEORGIA

Tbilisi International
Airport

Batumi International
Airport

Ataturk International Airport

Istanbul, Turkey

International Terminal Building and Multi-Storey Car Park
February, 1998 - January, 2000

International Terminal Building Extension
February, 2002 - May, 2004

Domestic Terminal Refurbishment
December, 2005 - December, 2006

International/Domestic Terminals Extension and Renovation, Tri-Generation Plant
September 2008 – February 2010

Ataturk International Airport is the main airport serving Istanbul and the biggest airport in Turkey by total number of passengers. It served 51,3 million passengers in 2013, making it the 5th busiest airport in Europe and among the top 20 in the world according to passenger traffic.

The Airport is the first BOT (Build-Operate-Transfer) concept and a huge step forward for the Turkish aviation industry. Every concern and comfort of the passenger was kept in mind when designing and building Atatürk International Airport. Terminal Building and Car Park were completed in 22 months; 8 months ahead of schedule, in a record time.

The architectural concept is that of an open and airy facility and all public areas feature glass curtain walls, stainless steel and ceramic panel finishes and granite flooring, accented by lush green plants and soothing water effects.

In 2013 Air Transport News Awards named Ataturk International Airport as the "Airport of the Year" and also the airport has been named Europe's Best Airport in 40-50 million passengers per year category at the 2013 Skytrax World Airport Awards.

Client: Turkish State Airports Authority (DHMI)

280,000 m^2

Terminal Building Area

20,000,000 passengers per year / Terminal Design Capacity

179,000 m^2 / Car Park Area

7,076 vehicles / Car Park Capacity

224 units / Check-in Counters (CUTE)

23 units / Passenger Boarding Bridges

12 units / Remote Boarding Gates

121 units / Elevators, Escalators, Travelators

11 units / Baggage Claim Carousels


Kapılar
Gates
501-504
Kapılar
Gates
222-226
Kapı
Gate
221
varsa,
yurtdışında
ucuza
konuşulur!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flypgs.com

Esenboga International Airport

Ankara, Turkey

International and Domestic Terminals, Multi-Storey Car Park

September, 2004 - October, 2006

Esenboga International Airport is a strategically important airport serving as the gates of protocol and diplomacy of the country. Besides being the entrance gate to the capital city, it is also the only airport in Turkey where domestic and international terminals are designed to be in the same area.

The airport constructed under BOT model has been completed within a record time; a year earlier than the committed schedule. One of the main characteristics of the architectural design is that the terminal is lit by natural day light throughout the day. Esenboga International Airport features distinctive wave-like proof, emblematic of the dynamism of the nations's capital exploding economic and physical growth.

In 2009, Esenboga International Airport was awarded as "The Best Airport in Europe" by ACI Europe in 5–10 million passengers per year category. It is the first time an ACI award was granted to a Turkish Airport and the judges singled it out for its work in the area of environmental innovation, securing an incredible 25% energy savings stemming from its recycling of exhaust gases to power its air conditioning plants.

Client: Turkish State Airports Authority (DHMI)


183,135 m²
Terminal Building Area
104
105
106
107

10,000,000 passengers per year / Terminal Design Capacity

120,000 m^2 / Car Park Area

4,050 vehicles / Car Park Capacity

102 units / Check-in Counters (CUTE)

19 units / Passenger Boarding Bridges

84 units / Elevators, Escalators, Travelators

9 units / Baggage Claim Carousels


.com | aerobilet.com
Check-in Kontuarları / Check-in Counters
Tüm Kapılar / All Gates
AnadoluJet "primeclass" Lounge
Danışma / Information
İç - Dış Hatlar Geliş / Dom. - Int. Arrivals
Bilet Satış / Ticket Sales
Restoran-Bar / Restaurant-Bar
Restoranlar / Food Court
Çıkış / Exit
PTT / Post Office
Dış Hatlar Gidiş / International Departures
TrueStar

Adnan Menderes International Airport

Izmir, Turkey

International Terminal and Car Park
May, 2005 - September, 2006

New Domestic Terminal and Multi Storey Car Park
January, 2012 - April, 2014

Izmir International Airport is the gateway to the Aegean coast supporting the overall wider economic development of the region. The international terminal was opened in September 2006 and the new domestic terminal which is the largest one in Turkey is opened in April 2014.

The Airport offers a unique experience to passengers both functionally and aesthetically with sharp and contemporary lines, indoor gardens and pools, large yet plain internal areas. Its design simplifies passenger transfer and provides a single consolidated building for operation.

Being awarded as the most environmental-friendly European airport for its international terminal, Izmir Adnan Menderes Airport's new domestic terminal has also been designed to serve the same purpose and aims to be the first airport terminal in Turkey to obtain LEED Gold certificate. New Domestic Terminal is being built up to %67 recycling and %32 reuse amounts from previous terminal. The employed technologies such as heat pumps, rainwater harvesting and gray water reuse systems, solar collectors and tri-generation plant is minimizing the energy and water consumption as well as providing an efficient waste management.

Client: Turkish State Airports Authority (DHMI)

310,000 m^2

Terminal Building Area

25,000,000 passengers per year / Terminal Design Capacity

146,500 m^2 / Car Park Area

4,737 vehicles / Car Park Capacity

134 units / Check-in Counters (CUTE)

18 units / Passenger Boarding Bridges

156 units / Elevators, Escalators, Travelators

11 units / Baggage Claim Carousels


239
235-238
121-124


GAZİPAŞA HAVA ALANI
Gelen Yolcu Çıkışı
Arriving Passenger Exit

Gazipasa International Airport

Antalya, Turkey

Terminal Refurbishment, Runway and Apron Extension,
ATC Tower Construction
August, 2008 - July, 2009

Gazipasa International Airport is one of the most important strategic facilities within the mediterranean region of Turkey. Having the airport scaled up to 3C category in 2010, TAV aims to utilize its experiences and knowledge in the airport operation business to create and develop boutique airports and create new international flight destinations.

The project comprised refurbishement of the 2,144 m^2 terminal building and extension of the runway and apron, New ATC Tower has also been constructed and runway lighting system has been assembled.

Gazipasa International Airport is expected to become an international center serving Alanya and its surrounding area and contribute to development of the region in terms of tourism, agriculture, business, culture and promotional activities.

Client: Turkish State Airports Authority (DHMI)

Emirates Airlines A380 Maintenance Hangars

Abu Dhabi, U.A.E.

Steel Roof Construction

September, 2003 - November, 2005

Emirates Airlines A380 Maintenance Hangars is the first international project of TAV Construction. Home for the largest passenger aircrafts of the world; the huge, sturdy, remarkable and aestically-pleasing airplane hangars adorn the skyline of the futuristic Dubai International Airport.

TAV Construction realized the design and construction of the steel roof for seven hangars. Built in the shape of perfect squares each hangar measures 110 meters by 110 meters and the total weight of the structural steel utilized is 14,000 tons.

Client: Government of Dubai Department of Civil Aviation

Abu Dhabi International Airport

Abu Dhabi, U.A.E.

Midfield Terminal Building

August, 2012 - July, 2017

Abu Dhabi International Airport Midfield Terminal Complex is the centerpiece of Abu Dhabi 2030 plan, which aims to ensure the growth of Abu Dhabi as a business and tourism center. The project will be built in 49 months by TAV, CCC, Arabtec Joint Venture led by TAV Construction.

The Midfield Terminal building will be the largest in Abu Dhabi, and one of the region's most architecturally impressive structures. It will have 700,000 sqm of internal space, and will be visible from more than 1,5 km away. The central space of the terminal building could hold three full-sized football pitches and features a ceiling 52 m tall at its highest point. Piers will accommodate up to 65 aircrafts at the same time including eight Airbus A380s.

One of the unique aspects concerning the construction of this project is the widespread and effective use of Building Information Modeling (BIM) which enables the prediction of potential problems and clashes in a 3D working environment.

The terminal complex is expected to cost 2,94 billion US dollars and is scheduled to be opened in 2017.

Client: Abu Dhabi Airports Company (ADAC)

702,000 m^2

Terminal Building Area

27,000,000 passengers per year / Terminal Design Capacity

84,000 tons / Structural Steel Works

225,000 m^2 / Roof Cladding

200,000 m^2 / Facade Cladding

300,000 m^2 / Suspended Ceiling

106 units / Passenger Boarding Bridges

Hamad International Airport

Doha, Qatar

Passenger Terminal Building and Concourses A-B-C,Vertical Circulation Node,
Elevated Roadway and Passenger Loading Bridges
March, 2006 - April, 2013

Hamad International Airport is the world's newest aviation hub, a world-class facility that is set to exceed expectations and redefine the passenger and transit experience. With its design, extensive steel work and hi-tech systems, the ultra-modern airport is an architectural masterpiece where innovation and beauty combine.

TAV Construction has realized this 3,93 billion US dollars contract value mega structure with his Japanese JV Partner Taisei. Situated on reclaimed land, the passenger terminal complex with 505,000 square meters in size is the largest building in Doha. The main processor and three concourses are built with a steel superstructure using 70,000 tons of structural steel. The airport is also the home for the first Automated People Mover (light-rail transport system) in the region.

Plans call for the Hamad International Airport to reach an annual passenger capacity of 50 million and is expected to become a mark of prestige for Qatar that aims to attract millions of passengers in the near future.

Client: New Doha International Airport (NDIA) Steering Committee

505,000 m^2

Terminal and Concourses Building Area

24,000,000 passengers per year / Terminal Design Capacity

270,000 tons / Concrete Works

70,000 tons / Structural Steel Works

193,000 m^2 / Roof Panel Sheet

72 units / Passenger Boarding Bridges

253 units / Elevators, Escalators, Travelators

11 units / Baggage Claim Carousels


6


C2, C4

Muscat International Airport

Muscat, Oman

MC1 Infrastructure Works

August, 2009 – May, 2015

Muscat International Airport project is considered among the biggest airport projects in the world and consists of a new 4,000 meter-long runway, taxi ways and tarmac fields, renovation of the current runway, tarmac and taxi ways, airport connection and approach roads and junctions, energy transmission lines displacement, establishment of power centers and new lines, construction of main heating-cooling centers, fuel hydrant lines and hydrant pit systems, auxiliary buildings, landscape and drainage work.

TAV together with CCC has been awarded for the project. The scope of the work encompasses a massive earth movement task, totaling more than 31 million m^3. The total asphalt amount used for the airfield and roads is more than 1,2 million tons, whereas the amount of concrete works on site is 690,000 m3. In order to provide power for the entire airport, two power stations with a total capacity of 278 MVA have been also realized which corresponds to the electrical power requirements of a medium-sized city.

Muscat International Airport would be completed by 2015 and will be the new gateway to the Sultanate of Oman.

Client: Ministry of Transport and Communications

580,000 m^2 / New Runway Construction Area

1,275,000 m^2 / Taxiway Construction Area

336,000 m^2 / Apron Construction Area

24,000 m^2 / Utility Building Area

14,462,000 m^3 / Total Excavation Volume

17,464,000 m^3 / Total Backfill Volume

681,000 m^3 / Concrete Works

1,202,000 tons / Total Asphalt Works

1,346,000 m / Piping Works

278 MVA / Total Power Set-up

120 MV / Chiller Plants Total Capacity

500 m^3 /second / Rain Water Drainage Capacity

30,000 m^3 / Fuel Farm Capacity

Prince Mohammed Bin Abdulaziz International Airport

Medinah, Saudi Arabia

New Terminal and Airside Infrastructure

July, 2012 - March, 2015

Established through the build-transfer-operate model, Prince Mohammed Bin Abdulaziz International Airport is the first airport privatization of Saudi Arabia, the first ever public-private enterprise collaboration in the Gulf Region, and the main entry point for visitors to the Kaaba and those arriving on pilgrimage.

The airport has been building by Tibah Consortium partnered by TAV, Saudi Oger and Al Rajhi. The design of the terminal was inspired by the nature of the Medinah area where palm trees are located between the volcanic mountains, as well as by the historical richness of Islamic architecture. The key principles for the architectural design are integration with existing airport facilities, simple coherent layout with well-defined routes for passenger circulation, safety and security, operational efficiency, flexibility and adaptability, expansion potential.

Prince Mohammed Bin Abdulaziz International Airport is the first airport certified by USGBC as Green Building in the Middle East and North Africa region. TAV Construction is further targeting to achieve Gold Certificate towards the end of the project.

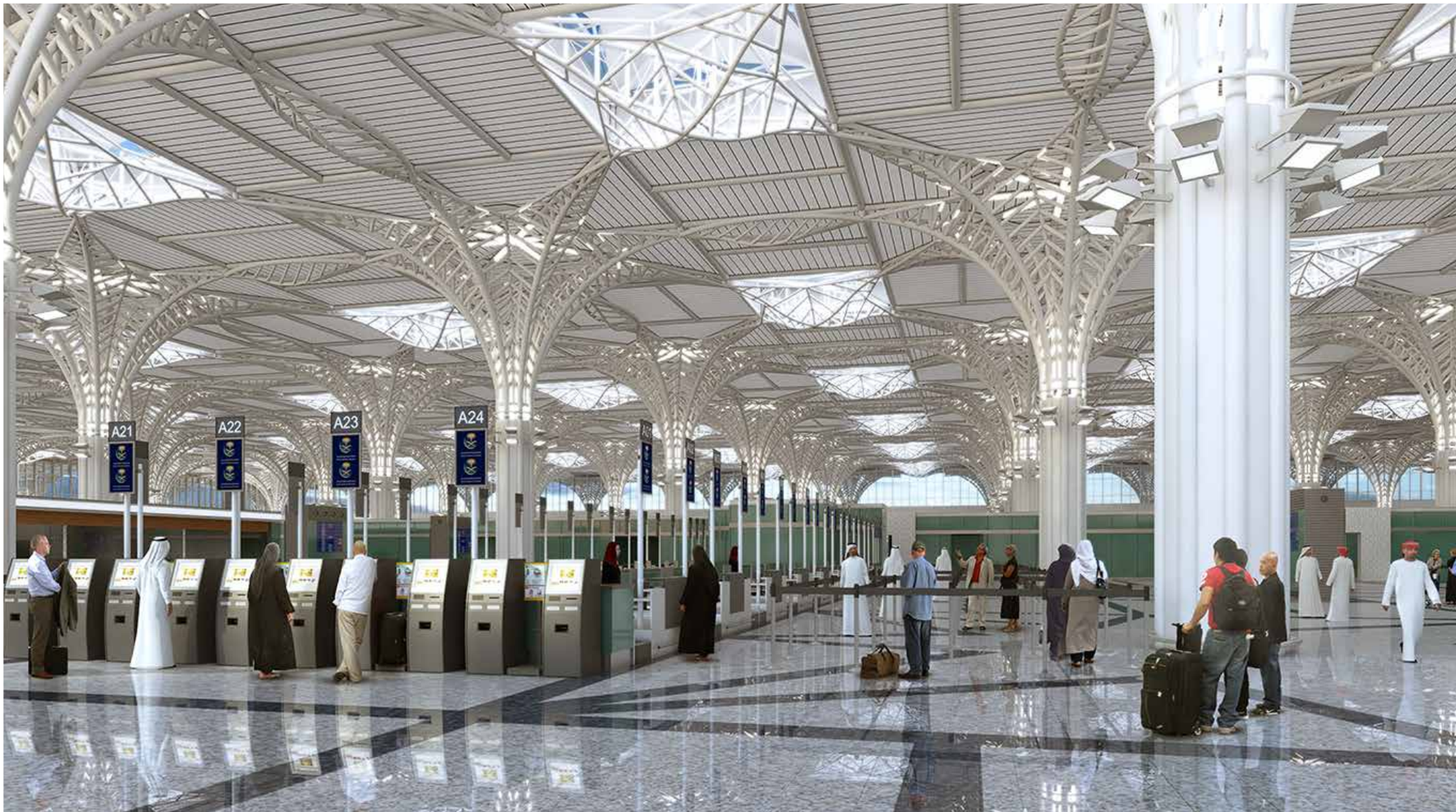
Client: General Authority of Civil Aviation (GACA)

153.276 m^2

Terminal and Concourses Building Area

8,000,000	passengers per year / Terminal Design Capacity
11,550	tons / Structural Steel Works
9,962,731	m^3 / Bulk Earth Works
134,914	m^2 / Airside and Landside Roads
32	units / Passenger Boarding Bridges
93	units / Lifts, Escalators, Traveletors


STARBUCKS


A21
A22
A23
A24

King Abdulaziz International Airport

Jeddah, Saudi Arabia

Aircraft Maintenance, Repair and Operation (MRO)

October, 2012 - March, 2015

Saudia Aerospace Engineering Industries (SAEI) Aircraft Maintenance Hangars is one of the largest Maintenance, Repair and Operation facilities in the region.

TAV Construction, Al Rajhi Holding, Al Habtoor Leighton Joint Venture has been awarded to design and build the project. The facility consists of 11 hangars including heavy maintenance and line maintenance hangars, wash and paint hangars, component and support shops, supply chain center, administrative offices, miscellaneous support buildings, multi-level and surface car park, and aircraft parking aprons.

The project is of great significance in terms of expansion works of King Abdul Aziz International Airport, the busiest airport of the country. It is designed to meet the operational needs for the next 20 years of operation and its design will allow phased construction to accommodate future capacity expansion requirements.

Client: Saudia Aerospace Engineering Industries (SAEI)

342,995 m^2

Facility Building Area

11 units / Hangars

10 units / Buildings

1,170,000 m^3 / Earthworks

235,000 m^3 / Concrete Works

12,500 tons / Structural Steel Works

77,000 m^2 / Roof Cladding

84,000 m^2 / Wall Cladding

King Khaled International Airport

Riyadh, Saudi Arabia

Terminal 5 and Related Facilities

January, 2013 - 2014 ONGOING

Terminal 5, a brand new facility, is designed to take a proportion of traffic during a major expansion of the King Khaled International Airport.

Collaborating with Al Arrab Contracting, TAV will construct a 100,000 square meter passenger terminal and various auxiliary facilities. The project also covers a 90,000 square meter and 3,000 vehicle capacity multi-story car park, airport operation center building, PCP building, fire station building, supply building, airside gate building, apron, the elevated roads and infrastructure work that will connect Terminal 5 to the existing terminals.

The design of the terminal aims to provide a modular, flexible and expandable framework with enhanced passenger comfort and operational efficiency. On the other hand, the terminal building also addresses special local requirements, local climatic factors and an energy efficient operation.

Terminal 5 is required to be operated to handle only domestic passengers within the first 4 years after completion and to handle only international passengers thereafter.

Client: General Authority of Civil Aviation (GACA)

100,000 m^2

Terminal Building Area

14,000,000 passengers per year / Terminal Design Capacity

90,000 m^2 / Car Parking Area

3 000 vehicles / Car Park Capacity

460 m / Pier Structure Lenght

16 units / Passenger Boarding Bridges

Cairo International Airport

Cairo, Egypt

TB3 Terminal

December, 2004 - December, 2008

Cairo International Airport is the second busiest airport in Africa after Johannesburg International in South Africa. With the completion, Terminal TB3 has doubled the capacity of the current facilities of the airport, making it one of the largest in Africa.

As being the first international airport project of TAV Construction, Terminal TB3 comprises a main building with two symmetrical concourses, or "wings" and totals 200.000 m^2 in floor area with the ancillary services. The structures are unified with each other as well as the existing Terminal 2 via skywalk bridges.

Terminal TB3 is twice as large as the other two terminal buildings combined, with the capacity to handle 11 million passengers annually (6m international and 5m domestic); it ensures Cairo International Airport to be a major hub between Africa, the Middle East and Europe.

Client: Cairo Airport Company

200,000 m^2

Terminal Building Area

11,000,000 passengers per year / Terminal Design Capacity

405,500 m^2 / Apron Area

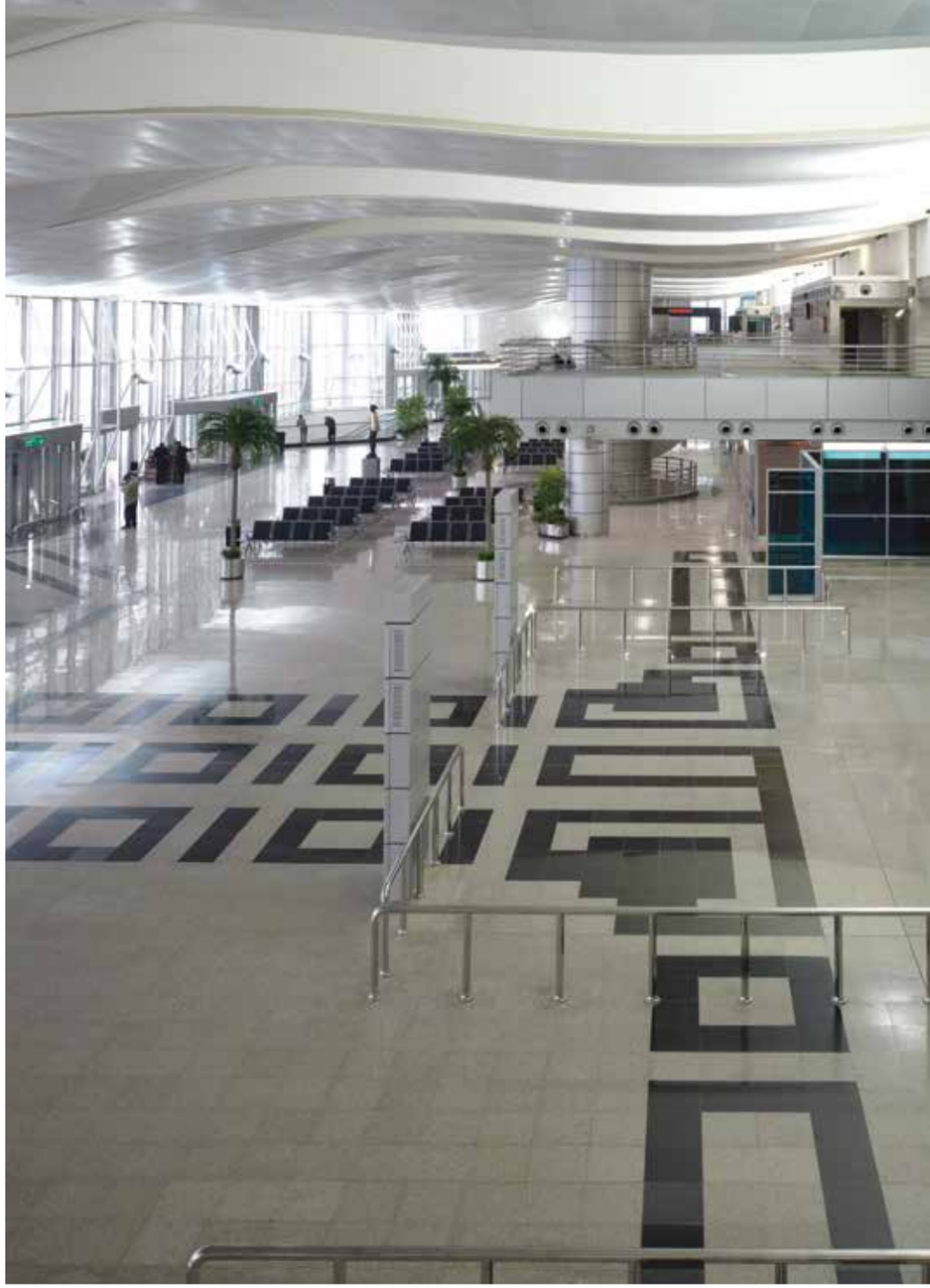
144,500 m^2 / Taxiway Area

23 units / Passenger Boarding Bridges

164 units / Elevators, Escalators, Travelators

7 units / Baggage Claim Carousels


F1



Enfidha Hammamet International Airport

Enfidha, Tunisia

New Terminal, Aprons, Runways, Taxiways, ATC Tower and Car

June, 2007 - December, 2009

As being a Greenfield project situated approximately 80 km south of the capital city Tunis, Enfidha Hammamet International Airport is an architectural and aesthetic wonder, boasting of the latest technology and first class facilities and services, both for passengers and the airlines themselves.

The main architectural theme for the airport is "modern". The airport is considered a symbol of the country and reflects the image of modern Tunisia. The terminal has been designed as a square diamond, the point of which is directed towards the landing strips. The 90,000 square meter terminal building is covered with a light roof in the shape of giant wings.

The airport has been financed, built and is being operated for a period of 40 years by TAV. A picture of the airport has been reproduced on the Tunisian 50 Dinar bank note which shows the success and prestige that the company has achieved in Tunisia.

Client: Tunisian Airport Authority OACA

130,000 m^2

Building Construction Site Area

90,000 m^2 / Terminal Building Area

7,000,000 passengers per year / Terminal Design Capacity

2,000,000 m^2 / Airside Construction Side Area

800,000 m^2 / Landside Construction Area

72,000 m^2 / Connected Apron Area (18 aircraft stands)

57,000 m^2 / Remote Apron Area (14 aircraft stands)

8,500,000 m^3 / Total Backfill Volume

700,000 tons / Total Asphalt Works

1,000,000 tons / Total Subbase Works

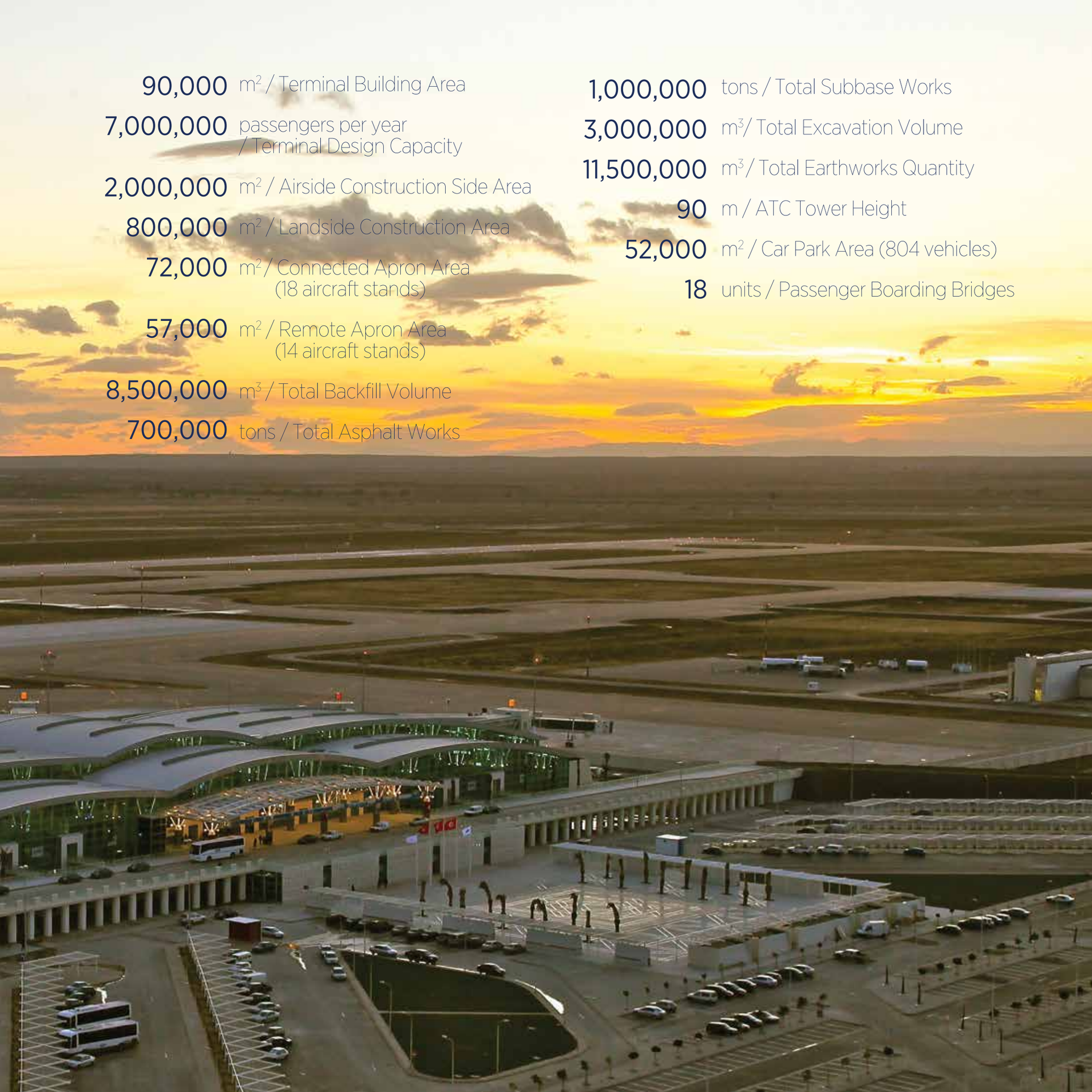
3,000,000 m^3/ Total Excavation Volume

11,500,000 m^3/ Total Earthworks Quantity

90 m / ATC Tower Height

52,000 m^2 / Car Park Area (804 vehicles)

18 units / Passenger Boarding Bridges




AIRPORT


ALEXANDER THE GREAT AIRPORT
202

Alexander The Great International Airport

Skopje, Macedonia

New Terminal and Improvement Works

March, 2010 - November, 2011

Alexander the Great International Airport is the largest airport in the Republic of Macedonia and the first move of TAV Construction to Europe.

The project comprised the construction of a new, 40,000 m^2 terminal building with 6 passenger boarding bridges. In order to increase the capacity of the airport the runway, apron and taxiway areas were improved and increased in line with the capacity of the terminal building.

Completely designed and planned by the TAV design team, Alexander The Great International Airport has been completed in the relatively short time span of 20 months and is able to handle a capacity of 6 million passengers per year.

Client: Macedonia Ministry of Transportation

40,000 m^2

Terminal Building Area

6,000,000	passengers per year / Terminal Design Capacity
3,000	m^2 / Cargo Building Area
5,000	m^2 / Administrative Building
25,000	m^2 / Apron Area
38,100	m^2 / Runway Extention
43,854	m^2 / Runway Shoulders
44,400	m^2 / Connecting Roads
42,630	m^2 / Car Park Area (100 vehicles)
6	units / Passenger Boarding Bridges


АЕРОДРОМ АЛЕКСАНДАР ВЕЛИКИ


АЕРОДРОМ СВ.АПОСТОЛ ПАВЕЛ

St.Paul The Apostle International Airport

Ohrid, Macedonia

VIP Facility, Adminisration Building, Aircraft Hangar, Baggage Handling System,
Car Park and Renovation Works
March, 2010 - March, 2011

St. Paul The Apostle International Airport is the second airport of the Republic of Macedonia and is operational from small to medium-large aircrafts.

With the concession agreement signed by TAV Airports Holding, the renovation work on the Ohrid St. Paul Apostle Airport has been realized by TAV Construction. The scope of the work included the construction of the VIP facility, administration building, car park, aircraft hangar, apron area and installation of the baggage handling system.

The apron can accommodate up to 9 aircraft and the terminal is equipped to handle up to 400,000 passengers annually. The main purpose of St. Paul the Apostle International Airport is to serve as an alternative to Alexander the Great International Airport and to cater to flights bringing in tourists destined for Ohrid.

40,000 m^2 / Terminal Building Area
400,000 passengers per year / Terminal Design Capacity
36,000 m^2 / Apron Construction Works
11,000 m^2 / Car Park Area

Client: Macedonia Ministry of Transportation

New Tripoli International Airport

Libya

Terminal Buildings

August, 2007 - On hold

New Tripoli International Airport is situated 19 miles (30km) south of Tripoli, the capital and the largest city of Libya. The project, a joint venture with Odebrecht and Consolidated Contractors Company (CCC), included the construction of two new terminal buildings, each with an area of 175,000m2. Both terminal buildings will occupy a combined area of 350,000m2 and will be able to handle 20 million passengers per year in total.

The design of the new terminals is inspired by the model of dunes and waves, which are shaped by the movement of wind. Curved and wavy steel roof structure of the project distinguishes itself at first sight, with a total area of 130,000 m^2.

TAV Construction completed %50 of the project before the civil unrest in the country and intends to kick-start the work once everything settles in Libya.

350,000 m^2 / Terminal Building Area
20,000,000 passengers per year / Terminal Design Capacity
130,000 m^2 / Roof Cladding
96 units / Passenger Boarding Bridges (32 fixed, 64 mobile)
48 units / Elevators
26 units / Escalators
2,300 meters / Travelators
12 units / Baggage Claim Carousels

Client: Libyan Civil Aviation Authority (LCAA)

New Sebha International Airport

Libya

Terminal Building

January, 2009 - On hold

Sebha, being one of the farthest frontier states of the Ottoman Empire, is another signature airport project to be realized by TAV Construction in Libya.

The new and contemporary terminal building will have the capacity of 5 million passengers per year. The scope of works also comprises VVIP building and corresponding utilities within the terminal building structure.

Originally the project was planned for development in parallel with the Tripoli International Airport. TAV Construction has also stopped construction work on the Sebha International Airport terminal building, which is still in its early stages.

55,000 m^2 / Terminal Building Area
5,000,000 passengers per year / Terminal Design Capacity
7 units / Passenger Boarding Bridges

Client: Libyan Civil Aviation Authority (LCAA)

Tbilisi International Airport

Georgia

New International and Domestic Terminals, Car Park and Airport Facilities

January, 2006 - January, 2007

As TAV Construction's first accomplishment beyond its native Turkey, Tbilisi International Airport, the main airport serving Tbilisi, promises to serve as a bridge between continents.

The Airport has a contemporary and functional design. It is designed to provide the optimum flow of both passengers and luggage from the parking lot to the planes, with a 24,500 square meter total usable area.

Filled with all the important amenities and services needed by today's travelers, the Tbilisi International Airport has put Georgia on travelers map. Skillfully serving the passengers moving in and out of Georgia, it is truly a vital conduit to Central Asia.

24,500 m^2 / Terminal Building Area
2,800,000 passengers per year / Terminal Design Capacity
5,570 m^2 / Car Park Area (200 vehicles)
47,400 m^2 / Apron Area
46,765 m^2 / Runway Area
6,285 m^2 / Service Roads
23,000 m^2 / Taxiways
14,500 m^2 / Connecting Roads
5 units / Boarding Gates
25 units / Check-in counters
3 units / Passenger Boarding Bridges
3 units / Baggage Claim Carousels

Client: Joint Stock Company Tbilisi International Airport


M.RIBERA
GRAN LUJO

Batumi International Airport

Georgia

Building and Upgrading Works

May, 2006 - May, 2007

Located in Batumi, the most important tourism center of Georgia, Batumi International Airport is a first in the region in terms of being used as a shared facility between Georgia and Turkey. This important collaboration had an exceeding impact on the region's development and in strengthening the relations between the two countries.

Besides the usual interior design and construction, TAV Construction was also responsible for civil works on the runway, taxiway and apron lighting system, as well as developing a runway drainage system and other auxiliary facilities.

Batumi International Airport promises to connect Georgians with the world and vice versa, in a manner that is both convenient and enjoyable.

4,080 m^2 / Terminal Building Area
562,500 passengers per year / Terminal Design Capacity
3,100 m^2 / Car Park Area (100 vehicles)
4,000 m^2 / Service Roads
46,765 m^2 / Runway Rehabilitation
6,210 m^2 / Runway Extention
43,854 m^2 / Taxiways
14,500 m^2 / Connecting Roads
3 units / Passenger Boarding Bridges
1 units / Baggage Claim Carousels

Client: Joint Stock Company Tbilisi International Airport

NON-AVIATION PROJECTS

UNITED ARAB EMIRATES

Majestic Tower

Time Square Center Shopping Mall

Sulafa Tower

Towheed Iranian School

Emirates Financial Towers

The Dream Dubai Marina

Damac Towers by Paramount


FERAS SWEETS
حلويات فراس

Majestic Tower

Sharjah, U.A.E.

Luxury Residence

July, 2005 - June, 2009

Built on the Dubai-Sharjah border, Majestic Tower is one of the tallest buildings in Sharjah with views out to the Palm Deira.

Standing a modest 207m high, the 52-storey building includes 43 floors for residential use, a floor each for a shopping center, a swimming pool/gymnasium complex and office space, plus a six storey car park. The total built-up area amounts to 63,000 m^2, comprised of 51,600 m^2 for the ground and floor levels and 11,400 m^2 for the car park.

Majestic Tower is a milestone in Sharjah not only in terms of height but also its unusual-shaped building compared to many of the rectangular, matchbox-design structures found in Dubai.

63,000 m^2 / Total Built-up Area
51,600 m^2 / Ground and Floor Levels Area
11,400 m^2 / Car Park Area
9,000 m^3 / Excavation Works
44,707 m^3 / Concrete Works
7,154 tons / Rebar Works

Client: Khamas Group


TIMES SQUARE
CENTER
تايمز سكوير
مركز
approved pre owned vehicles
Sharaf DG
INTERSPORT

Times Square Center

Dubai, U.A.E.

Shopping Mall

March, 2005 - March, 2007

Times Square Center is a 60.000 m^2 shopping complex located on Sheikh Zayed Road, one of Dubai's most fashionable districts.

A community and family oriented shopping mall, this state-of-the-art facility features a wide variety of consumer goods, with a specialization in electronics, home appliances and furnishings, fashion and games. With an attractive layout including skylights, porcelain tiling and marble flooring and a wide array of restaurants and cafes, Times Square Center is the shopping destination of choice among both Dubai residents and tourists.

60 000 m^2 / Total Built-up Area

Client: Sharaf Group

Sulafa Tower

Dubai, U.A.E.

Luxury Residence

November, 2006 – February, 2011

Sulafa Tower is one of the tallest residental buildings located in the area of Dubai Marina; the world's largest man-made marina.

The 288 meter tower project comprised the construction of 79 storey tower having four floors underground, four floors for parking, 70 floors for residential use and one floor for a health club.

Sulafa Tower stands tall like a palm tree in an oasis, reaching the sky and offering an upscale, cosmopolitan ambience and luxurious accommodations with a gorgeous view across the Arabian Gulf to the Palm Jumeirah Island.

133,000 m^2 / Total Built-up Area
107,300 m^2 / Ground and Floor Levels Area
26,000 m^2 / Car Park Area
21,310 m^3 / Excavation Works
87,885 m^3 / Concrete Works
13,962 tons / Rebar Works

Client: Al Sayyah & Sons Investment Co. LLC


مدرسة التوحيد الإيرانية الخاصة
IRANIAN TOWHEED SCHOOL

Towheed Iranian School

Dubai, U.A.E.

March, 2005 - January, 2007

Founded In 1957, Towheed Iranian School is the first private school in United Arab Emirates. The 28,000 square meters new campus, located in Al Qouz welcomed the students in September 2007.

Contructed by TAV-Seidco Joint Venture, the school is eloquently accented by a large triune canvas awning that extends across the playground, making it a landmark in Dubai's network of private schools. Reminiscent of the nomadic tents of the region's forefathers, this creative architectural design is emblematic of the need for today's students to change with the times.

28 000 m^2 / Total Built-up Area

Client: Ministry of Education, Education Department of Schools Abroad Directorate of Iranian Schools in UAE

Emirates Financial Towers

Dubai, U.A.E.

Commercial Development

April, 2007 - June, 2011

Emirates Financial Towers is a 30-storey twin towers located in the heart of the Dubai International Financial Centre, featuring premium office and retail spaces, restaurants and business meeting venues.

Emirates Financial Towers stand out with its futuristic, forward-looking design. The contemporary elliptical profile, with transparent glass facade, the Towers join in the middle on 17th floor by a glass skybridge.

With one of the World's largest intelligent car parking systems, Emirates Financial Towers is a valuable addition to the impressive skyline of Dubai.

110,000 m^2 / Total Built-up Area
62,438 m^2 / Office Area
28,120 m^2 / Retail Area
19,442 m^2 / Car Park Area
87,885 m^3 / Concrete Works
13,962 tons / Rebar Works

Client: Emirates Financial Towers LLC (MAG – ENSHAA JV)


تي
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في
TAV

The Dream Dubai Marina

Dubai, U.A.E.

Hotel and Residences

April, 2008 – December, 2014

Topping out at 425 m, The Dream Dubai Marina is Dubai's second-tallest skyscraper behind the Burj Khalifa, and also stand among the world's 50 tallest structures.

The 101-storey-high complex, located in Dubai Marina, is designed to meet the sky-high expectations of an elite group of clientele and comprised of 300 guest rooms and 420 branded hotel apartments covering an area of approximately 155,000 square meters.

While Dubai Marina is a very popular project that includes hotels, retail outlets, commercial buildings as well residential apartments, The Dream Dubai Marina will be the star attraction sweeping stunning panoramic views of Dubai skyline beyond.

153,920 m^2 / Total Built-up Area
75,240 m^2 / Residential Area
33,214 m^2 / Car Park Area
81,764 m^3 / Concrete Works
77,747 tons / Excavation Works
14,259 tons / Structural Steel Work

Client: Sheffield Real Estate

Damac Towers By Paramount

Dubai, U.A.E.

Hotel and Residences

September, 2013 - June, 2016

Damac Towers by Paramount is a hotel and residences focused mixed-use development project consisting of 4 towers reaching a height of 279 meters.

The four towers are brought together with a multi-level plaza, offering a foodcourt, meeting and events facilities, wellness & fitness centers, swimming pools, kids club, retail, and merchandise areas.

The project is Paramount Pictures' first venture into the hotel industry and offers an ambience and reflection of the Hollywood glamour and California lifestyle in Dubai.

340,000 m^2 / Total Built-up Area
219,209 m^3 / Concrete Works
27,179 tons / Reinforcement Steel

Client: Damac Properties Co. LLC

QUALITY

TAV Construction serves its clients at the highest level of satisfaction, providing the most appropriate and desired solutions with the best quality without compromising the expectations in terms of technical, budget and time compliance.

The policy of the company is based on the following values;

- To provide the most appropriate solutions to Clients, through assessment of their needs and demands, and consultation, with TAV Construction's experience and expertise in project financing
- To conform to every valid standard within the context of project at the maximum level; contract agreement conditions, country's legal arrangements/laws, other compulsory standards and to all ethical rules
- To be a sector leader in utilization of modern and valid techniques, material and management systems, and to maintain the sustainable development in every area
- To manage efficiently and effectively company human resources that helps the realization of projects in advance of set deadlines, conforming to every quality standard prescribed
- To transfer successively company corporate culture and values to its employees
- To run an excellent info-sharing management system and communication link among client, construction site and headquarter offices
- To prioritize and value the most valuable asset of TAV Construction, company employees, and to contribute to their technical and self development through company's continuous learning environment, and to provide social securities
- To create permanent relations with subcontractors, suppliers and project partners based on good intentions and trust, and accordingly to contribute also to their progress within the sector

HEALTH, SAFETY AND ENVIRONMENT

TAV Construction believes that its success depends on the approach of continuous improvement culture of the quality, environment, occupational health and safety systems.

The policy of the company consist of the following elements;

- Description of "the job" in TAV Construction is performing jobs in an efficient, high quality, sensitive to the nature and safe and healthy way. For that reason employees and subcontractors of TAV Construction are encouraged to adopt "zero accident" aim and the way of life to protect workers, works and the environment.
- Rational and creative management approaches in terms of agreements with the client, and in accordance with international standards and the country's legal regulations shall be adopted.
- Safe working area shall be provided for our own staff and the subcontractors'. It is expected from them to maintain the standards and to make every effort to improve them.
- To respect and to prioritize occupational health, safety and environmental rules in the country not only the construction and assembly stages, but in all phases of the project including the design, the mobilization and camp management stages.
- The system's performance shall be monitored in a sequential responsibility with regard of occupational health, safety and environmental systems can be developed with the support of the employees.
- An effective communication line shall be established with all related parties.
- To ensure the protection of the environment, health, safety and security of the employees, all necessary resources shall be provided.
- Occupational health, safety and environmental awareness shall be created and improved for all the project's and subcontractors' staff.
- Occupational health, safety and environmental risks for all activities shall be identified; measures shall be taken to decrease the risks to an acceptable level.
- The performance of the occupational health, safety and environmental management system shall be monitored and measured continuously to prevent losses and to protect the environment and the health of the employees.
- Starting from the design phase for all undertaken projects the use of the technologies shall be preferred to enable the use of natural resources efficiently and to produce less waste.
- Waste recycling and reuse shall be encouraged.
- The methods of works preferred shall be in accordance with the natural life keeping in mind that all activities performed have an environmental impact.

HUMAN RESOURCES

TAV Construction is known for completing projects in record time by maintaining the highest standards of quality and superiority in its work. The skill, knowledge, experience and commitment of its people is the key factor behind this success. In order to sustain this high level of skill, TAV Construction gives top priority to the process of attracting and retaining the most talented professionals in the field, who consistently perform at world-class standards.

Entrepreneurial spirit, creativity and action are all a vital part of the company's achievement-oriented culture. TAV Construction believes that strong, positive and sustainable development can only be achieved by raising the awareness and eliciting the participation and cooperation of its employees.

TAV Construction is committed to continually enhancing the skills, productivity and effectiveness of its workforce by creating a climate of constant professional development and innovation. All employees are equipped with the latest information, know-how and technology necessary to produce at highest international standarts, succeed in their jobs and to meet the most detailed requirements of TAV Construction's discriminating clients.

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WE BUILD IT

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