



International Airport Development Opportunities November 2008 Update

Compiled from U.S. Commercial Service market research (available at www.export.gov) by Global Aerospace & Defense Team Senior International Trade Specialist Julia Rauner Guerrero, San Diego USEAC with assistance by International Trade Alyssa Cook and Kelvin To.

Africa/Near East

India:

Project Brief: The airport equipment and ground support services market is estimated to be \$225 million. Successful privatization of airport maintenance and ground support services will lead to another \$50 million in market growth over the next three years. To ensure that the development of the sector was not restricted to the metro cities alone, the Indian Government announced its plans to modernize 35 non-metro airports into world-class entities at an estimated cost of \$1.05 billion. The airports to be modernized include Coimbatore, Tiruchi, Thiruvananthapuram, Visakhapatnam, Port Blair, Mangalor, Agatti, and Pune. In addition, the large metro airports modernization is already taking place in Delhi, Mumbai, Bangalor, and Hyderabad, while the process has been initiated in Kolkata and Chennai. The international Civil Aviation Organization (ICAO) has also approved Greenfield airports at Navi Mumba, Goa, Pune, Kannur, and Nagpur. Maintenance, Repair and Overhaul (MRO) facilities are also expected to need additional ground support equipment. Industry sources estimate that establishing a world class MRO will require an investment of over \$200 million. The Federal Ministry of Civil Aviation is the governing Indian agency for this sector. The 2005 – 2006 budgets granted civil aviation \$528 million. The Airports Authority of India (AAI), which governs all Indian airports, budgeted an additional \$200 million. AAI manages 126 airports, which include 11 international airports, 89 domestic airports and 26 civil enclaves at defense airfields.

Timetable: Through 2010

Buyers: Airports Authority of India and Federal Ministry of Civil Aviation

Project Value: Approximately: \$300 million in airport equipment, \$50 million on ground support services, and \$200 million in MRO facilities

Best U.S Sales Opportunities:

For all airports, security and surveillance equipment requirements include:

- Automated baggage handling systems
- Fire detection and extinguishing systems
- Tracking systems
- Access control
- Cabin baggage screening systems
- Sea rescue systems
- Approach lighting systems
- Circling lighting systems

- Approach surveillance radars
- Magnometer
- Computer tomography scanners
- X-ray digital systems
- Biometric IRIS recognition software
- Perimeter surveillance camera

Construction Priorities by airport include:

Mumbai airport:

- Construction of four additional domestic parking bays
- Construction of a new taxiway parallel to the secondary runway
- Expansion and upgrade of terminal 1B

Delhi airport:

- Construction of a new rapid taxi track, connecting runway 10/28 and P taxi track
- Modification and expansion of terminal 1B arrival block
- Provision for a visual docking guidance system

Chennai airport:

- Construction of an apron for Bay 35
- Extension of the canopy on the city side of Kamraj domestic terminal
- Creation of aero links for bays 24, 25 and 29

Kolkata airport:

- Renovation of Bays 11 and 12
- Construction of a new hangar
- Construction of a cargo apron

Report Source:

- Name:** India Country Commercial Guide
- Date:** June 2008
- **Web link:** http://www.buyusainfo.net/docs/x_977445.pdf
- Name:** Airport surveillance and security equipment
- Date:** Mid 2008
- Web Link:** http://www.buyusainfo.net/docs/x_2412035.pdf

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South Africa:

Project Brief: The state-owned Airports Company South Africa (ACSA) is planning to expand its infrastructure in ten airports at a cost of more than US \$666 million (R5 billion) to accommodate 40 million passage capacity by 2010. King Shaka International Airport, a new international airport facility, will be constructed at a green field's site at La Mercy, near Durban in the Kwazulu-Natal Province of South Africa. At a cost of at least \$563 million, King Shaka International Airport (KSIA) will include a 3.7 kilometer runway, a passenger terminal with a 6 million annual capacity, as well as a freight capacity of 50,000 tons per year.

Timetable: Project completion ranges by site from 2010 through 2025.

Buyers: ACSA and King Shaka International Airport led by Dube Trade Port consortium consisting of Group Five Construction, WBHO Limited, Mvelaphanda Holding and Ilembe Consortium.

Project Value: ACSA: \$666 million; King Shaka International Airport: U.S. \$563 million (U.S. \$245 million in Phase 1; U.S. \$ 377 million in Phase 2)

Best U.S Sales Opportunities:

All ACSA Airports:

- Training systems such as flight simulators
- Door systems
- Engine test cell acoustic system,
- Hydraulic support & test equipment
- Air bridges,
- Pre-conditioned air
- Airport landing light analysis equipment

King Shaka International Airport:

- Architectural Services
- Multimodal Logistics Management
- Civil Engineering and Project Management
- Safety and Security equipment
- Health and Fire systems
- Airport Terminal Buildings
- Apron and Runways
- Passenger Services and retail
- Ground support equipment and passenger transport systems
- Luggage handling systems
- Control Tower, Air Traffic Control
- Instrument Landing Systems

Report Source:

-Name: Airport Developments in South Africa

-Date: March 2007

- Web link: http://www.buyusainfo.net/docs/x_4288880.pdf

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Asia Pacific

Australia:

Project Brief: Sydney is planning a \$430 million upgrade to improve concession areas, install a centralized baggage system, and enable centralized international security screening.

Timetable: 2008 - 2010

Buyers: Sydney Airport

Project Value: \$430 million

Best U.S Sales Opportunities: baggage system and centralized international security screening equipment

Report Source:

-Name: Defense Focus: Defense and Security Market Update

-Date: January 2008

- Web link: http://www.buyusainfo.net/docs/x_5441113.pdf

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Hong Kong:

Project Brief: Hong Kong International Airport (HKIA) has 2 runways operating 24 hours a day, is considering building a new runway, and is undergoing additional upgrades. HKIA appointed Over Arup & Partners Hong Kong Ltd (Arup) to double the current capacity of the airport's baggage handling system to 16,000 bags per hour in order to meet the forecast demand by 2015. Additional projects include cargo apron expansion, construction of a Satellite Concourse and renovation of the Arrivals Central Concourse at the passenger terminal.

Timetable: Projected completion is 2010

Buyers: Hong Kong International Airport (HKIA), Over Arup & Partners

Project Value: N/A

Best U.S Sales Opportunities:

Air traffic control equipment focusing on flight data processing system, air traffic control use simulators, baggage handling system, security, x-ray machines, passenger terminal equipment and services.

Report Source:

-**Name:** Hong Kong and Macau: Hong Kong and Macau's Aviation Industry,

-**Date:** June 2007

- **Web link:** http://www.buyusainfo.net/docs/x_5036074.pdf

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Thailand:

Project Brief: 35 domestic and international airports will be upgraded in Thailand with completion dates ranging from 2010-2026.

Timetable: 2010-2026 depending on airport

Buyers: Airports of Thailand (AOT), Thai Airways International (TG), Thai Airport Ground Service Co., Ltd. (TAGS), Bangkok Aviation Fuel Services Public Co., Ltd. (BAFS)

Project Value: To be determined

Best U.S Sales Opportunities:

Airside equipment:

- Runway lights
- Emergency crash and rescue
- Docking Guidance System
- Fuel Hydrant
- Aircraft fueling
- Land Side Equipment
- Lighting equipment
- Taxiway guidance sign
- Navigation Aids: DVOR/
- Meteorological devices
- Radar
- Aeronautical and telecommunication equipment
- Preconditioned (PC) Air

- Ground power unit
- Air conditioning system
- Electrical systems
- Aircraft towing tractor
- Aircraft hangar service
- Passenger Services Equipment
- Passengers boarding bridge
- Baggage handling equipment
- Conveyors
- Metal detectors
- Access control systems
- Luggage weight measure
- X-ray and baggage checking equipment
- Escalators and moving sidewalks
- Maintenance lift

Report Source:

-Name: Thailand: Airport and Ground Support Equipment

-Date: June 2007

- Web link: http://www.buyusainfo.net/docs/x_621002.pdf

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Europe

Austria:

Project Brief: Austria has one major airport and five smaller regional airports all of which are undergoing expansion.

Timetable: 2008-2015, depending on airport

Buyers: Vienna International Airport, Salzburg Airport, Innsbruck Airport, Linz Airport, Graz Airport and Klagenfurt Airport.

Project Value: Between \$12 million and \$50 million per airport

Best U.S Sales Opportunities: Scanners for baggage, new terminal equipment, people movers, equipment for upgrading arrival and departure information systems, high technology security equipment and consultancy management services. Engineering and consultancy management services, high technology security and computer technology products and software systems that address the stringent environmental requirements.

Report Source:

-Name: Austria: Airport and Ground Support Equipment

-Date: January 2008

- Web link: http://www.buyusainfo.net/docs/x_5944505.pdf

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Bulgaria:

Project Brief: Aviation market imports are expected to grow within the next two years, due to the increasing demand for sustainable development, quality improvements, safety and security upgrades and compliance to international standards.

Timetable: N/A

Buyers: Fraport Twin Star Airport Management

Project Value: \$ 200 million

Best U.S Sales Opportunities:

-Runway systems

-Air traffic control equipment

-Cargo handling and management

-Safety and security equipment

Report Source:

-Name: Bulgaria: Aviation Market Overview

-Date: January 2008

- Web link: http://www.buyusainfo.net/docs/x_4465395.pdf

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Croatia:

Project Brief: Croatia has five airports throughout the country that are either in the process of upgrading their airports or undergoing major construction. Dubrovnik Airport, serving the most significant tourist destination in the country, has begun an estimated total of EUR 30 million terminal reconstruction. Split Airport will spend EUR 50 million in the next five years to expand its passenger terminal. Development of the Zagreb airport will probably take more time to complete, being the most complex and expensive of all Croatian airport projects, with an estimated cost of EUR 212 million

Timetable: 2007 - 2012

Buyers: Dubrovnik Airport, Split Airport, Zagreb Airport

Project Value: Dubrovnik airport: EUR 30 million, Split airport: EUR 50 million, Zagreb airport: EUR 212 million

Best U.S Sales Opportunities: Equipment and services related to passenger terminal expansion.

Report Source:

-Name: Transportation Infrastructure

-Date: August 2007

- Web link: http://www.buyusainfo.net/docs/x_2814364.pdf

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Hungary:

Project Brief: Budapest Airport (Ferihegy) was privatized in 2005 through a contract to British Airports Authority (BAA) that included a US\$342 million investment commitment for terminal reconstruction, with the aim of serving 12 million passengers by 2011. In May 2007, the concession was sold to a German firm, Hochtief (a consortium of Canadian Caisse de Depot et Placement du Quebec and state owned German bank KfW) and this investment commitment also transferred. Plans also exist to develop and expand Hungary's regional airports. The municipality of Debrecen issued a tender in November 2007 for the sale of the Debrecen Airport operating company, the second largest airport in the country. BudaWest Airport, owned by a consortium of Hungarian and U.S.-based investors, will start development of Szentkiralyzabadja airport in 2008. As part of a \$62.5 million project, the runways and taxiways will be expanded to receive 130-150 passenger planes and a lighting system, air traffic control tower and passenger terminal will be built.

Timetable: Budapest Airport aims to serve 12 million passengers by 2011, and BAA plans to expand Hungary's regional airports between 2007 and 2011.

Buyers: Hochtief Consortium (Budapest), BudaWest airport

Project Value: Budapest Airport: \$342 million, BudaWest \$62.5 million

Best U.S Sales Opportunities:

Budapest Airport:

Reconstruction of Terminal 2 A-B
22 new passenger bridges (tender in late 2008)
Engine Test Run Stand (2008-09)
Maintenance Hanger (2008)
Baggage Handling System
Air Traffic Control (managed by Hungarian Air Navigation Services Pte. Ltd. Co)

BudaWest Airport:

Runway and taxiway expansion
Lighting system
Air Traffic Control Tower
Passenger Terminal

Report Source:

-Name: Hungary: Civil Aviation Market Overview
-Date: May 2008
- Web link: http://www.buyusainfo.net/docs/x_4274475.pdf

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Italy:

Project Brief: Italy is one of the most important European markets for airport and ground support equipment, with its 30 major and 70 minor airfields handling 128 million passengers yearly, an air freight cargo activity of nearly 950,000 tons and air transportation movements totaling over 1,700,000 in 2006. The market is expected to expand with increased near/medium term investments, both private and public, for airport expansion, upgrading of existing structures and purchase of ground support equipment and systems, and to cover expenditures for new and/or upgraded security and safety structures and systems.

Timetable: N/A

Buyers: Flight Assistance and Control Company (EnavSpV) for control towers, ground communications, airport refurbishing and security improvements. Venice Marco Polo airport (upgrading of two runways and of ground support equipment); at the Rome Fiumicino and Ciampino airports (airplane marking facilities, third runway, commercial space); at the Naples Capodichino airport (instrumental landing systems, improvement of taxi ways and runways); and at the Bari Palese airport (new terminal, multi-level parking)

Project Value: Enav SpA, is investing \$1.2 billion through 2008

Best U.S Sales Opportunities:

- Anti intrusion systems
- Automated baggage handling systems (BHS)
- Closed circuit video cameras (CCTV)
- Approach surveillance radars
- Sea rescue equipment
- Precision approach path indicators and radars
- X-ray digital systems
- Fire detection and extinguishing equipment

- Hand and Window metal detectors (HMD and WMD)
- Explosive Trace Detection Systems (ETDS)
- Primary Explosive Detection Systems (PEDT)
- Explosive Detection Systems (EDS)
- Threat Image Projection software

Report Source:

- Name: Italy: 2008 Country Commercial Guide for US companies
- Date: February/22/2008
- Web link: http://www.buyusainfo.net/docs/x_6657277.pdf

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Poland:

Project Brief: Six Polish airports have major expansion or modernization plans underway to accommodate the growing number of passengers due to the 2012 Soccer Championships that the country is hosting.

Timetable: Projects completion expected in 2012

Buyers: EU sources, local government and Warsaw, Gdansk, Poznan, Wroclaw, Krakow and Katowice airports.

Project Value: Warsaw Airport: \$207 million, Gdansk Airport: \$247 million, Poznan Airport: \$161 million, Wroclaw Airport: \$276 million, Krakow Airport: \$166 million, Katowice Airport: \$242 million

Best U.S Sales Opportunities:

Warsaw Airport:

- Construction of a new runway
- Integration of Terminal 1 and Terminal 2
- Modernization of Terminal 1
- Modernization of technical airport systems (lights, power supply, etc.)
- Training center for security and rescue
- Runway and taxiway surface modernization.
- General business plan
- Construction of a new hotel
- Construction of new car parking

Gdansk Airport:

- Construction of a new passenger terminal
- Modernization of taxiways
- Deicing system
- Rain water drainage system

Poznan Airport:

- Extension of the passenger's terminal
- Construction of new taxiways and extension of a runway
- Construction of a new hotel

Wroclaw Airport:

- Extension of the new terminal
- Extension of a runway and taxiways
- New apron
- New ILS
- New navigational lights

Krakow Airport:

- Construction of a new passenger terminal
- Development of apron and taxiways
- Construction of a multi-storey car parking
- Construction of a hotel

Katowice Airport:

- New runway
- Construction of a new passenger terminal
- Development of taxiways and apron

Other Opportunities:

- Consulting services
- Terminal equipment including baggage handling
- Flight information and display systems
- Parking revenue control systems
- Boarding bridges
- Airport security systems
- Runway and taxiway lights
- Aircraft maintenance equipment
- Aircraft rescue equipment

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Slovak Republic:

Project Brief: Bratislava airport is scheduled for Terminal Building Reconstruction. Koisice airport and Poprad-Tatry airport are also scheduled for upgrades.

Timetable: N/A

Buyers: Poprad-Tatry airport, KOŠICE airport, and Bratislava airport

Project Value: EUR 59 million for Bratislava airport; EUR 20-25 million for Proprad-Tatry airport

Best U.S Sales Opportunities:

Poprad-Tatry Airport

Future developments should include:

- Arrival terminal expansion: 20-25 million SKK (should be financed from EU funds)
- Aircraft access enlargement
- Check-in area enlargement
- Additional Safety and Security equipment: 10 million SKK (security scanning equipment)
- Fire-fighting vehicle
- Runway repairs (in five years)

Kosice Airport:

Projects starting between 2006-2007:

- Terminal Adaptation
- Parking lot
- Access area equipment
- Access Area
- Parking lot
- Fire rescue equipment
- Runway
- General aviation - infrastructure
- Reconstruction of fuel equipment
- Snow plowing equipment
- Cargo - infrastructure

Bratislava:

- Parking Garage- double capacity to 1200
- Aircraft apron capacity
- Maintenance and Cargo Facilities

Report Source:

- Name: Slovak Airports Future Development
- Date: June 2007
- Web link: http://www.buyusainfo.net/docs/x_8434253.pdf

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Ukraine:

Project Brief: The Euro-2012 Soccer Cup games that four Ukrainian cities (Kyiv, Lviv, Donetsk, and Dnipropetrovsk, with Kharkiv and Odessa as alternate sites) will host created a pressing need for airport upgrades and expansions in these cities. The overall cost of airport related opportunities in the six cities are estimated at over US\$1.8 billion through 2011. The equipment and infrastructure used to provide air navigation services in Ukrainian airspace are in need of update and modernization with potential sales for related equipment and technology in excess of \$100 million.

Timetable: 2008 -2011

Buyers: Dniproavia Corporation (Dnipropetrovsk International Airport), System Capital Management Group (Donetsk Airport), DCH Group (Kharkiv International Airport), Government of Ukraine (Kyiv – Boryspil Airport) and Municipal Governments (Lviv and Odessa Airports).

Project Value: Dnipropetrovsk \$ 243 million; Donetsk \$395 million; Kharkiv \$169 million; Kyiv-Boryspil is being privately funded by Japan Bank for International Cooperation (\$185 million) and by Aerosvit Airlines (\$140 million); Kyiv-Zhuliany \$76.4 million; Lviv \$226 million; Odessa \$ 351 million; and Simferopol \$398 million.

Best U.S Sales Opportunities:

Services and Equipment with greatest sales potential:

- Lighting and signaling equipment
- Air bridges
- De-icing equipment and de-icing fluid
- Baggage and cargo handling systems
- Elevators

- Loaders and reloading containers
- Airfield movers
- Security equipment
- Air-conditioning and heating systems
- Engineering and consultant/management services
- Air navigation equipment (satellite-based communication, navigation and surveillance, air traffic management)
- Security systems

Scheduled Improvements by airport include:

Donetsk Airport

- Increase terminal capacity to 1,000 pax (peak hour)
- Runway extension to 4,000 meters
- Reconstruct passenger & cargo facilities
- Aircraft refueling equipment
- Baggage and cargo handling equipment
- Flight information systems
- CCTV security equipment
- Escalators and elevators

Odessa Airport

- Repair and reconstruction of airfield
- Equipment of the airfield with boarding means
- Reconstruction of existing terminal building and construction of new terminal
- Development of technical and social infrastructure

Lviv Airport

- Extension of RWY up to 3.510 m including surface regulation
- Reconstruction of existing RWY including taxiways
- Reconstruction of de-watering and drainage systems
- Installation of new ILS including approach lightings for CAT II ICAO
- Construction of new Passenger terminal for 1,000 pax (at peak hours)
- Reconstruction of existing airport building for further use as VIP lounge and business aviation terminal
- Procurement of new airport safety and baggage handling equipment
- Development and managing new pattern for passenger flow
- Construction of parking areas
- Public Access

Kharkiv Airport

- Repair and reconstruction of airfield
- Equipment of the airfield with boarding means
- Reconstruction of existing terminal building and construction of new terminal
- Development of technical and social infrastructure

Dnipropetrovsk Airport

- Repair and reconstruction of runway and tarmac
- Equipment of the airfield with boarding means
- Reconstruction of existing terminal building and construction of new terminal
- Development of technical and social infrastructure

Kyiv – Boryspil Airport

- Construction of two new terminals
- Redeveloping Platform M

Report Source:

-Name: Ukraine: Airport Development Opportunities 2008-2011

-Date: June,08

-Web Link: http://www.buyusainfo.net/docs/x_5626502.pdf

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Latin America

Argentina:

Project Brief: The market potential for U.S. airport and ground support equipment in Argentina is good given the large number of airports (35 domestic and five international) and a booming tourism sector. Ezeiza Airport, Argentina's largest airport, is currently being upgraded to accommodate growing passenger traffic.

Timetable: July 2007 to September 2009

Buyers: Aeropuertos Argentina S.A. (private operator)

Project Value: Ezeiza Airport upgrade \$500 million

Best U.S Sales Opportunities: A wide-range of equipment is needed in Argentina, primarily emergency crash and rescue equipment, runway lighting systems, ground power units, PC air, aircraft towing tractors, baggage handling equipment, passengers boarding bridges, maintenance lifts, and security equipment and access control systems. Most of these state of the art technologies and equipment are imported.

Report Source:

-Name: Airport Ground Support Equipment Market Overview: Argentina

-Date: July 2007

- Web link:

<http://www.buyusainfo.net/info.cfm?id=14261405&keyx=0021E9EC934657A8CCADC867C1955101&dbf=mrsearch1&loadnav=no>

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Brazil:

Project Brief: Brazil's National Bank for Social Development (BNDES) is developing a plan to open the Brazilian federal airport administration (INFRAERO) to private investment. INFRAERO's privatization plan would have three main parts: restructuring, accessing the capital market, and the sale of 51 percent controlling share. Since 2000, INFRAERO has been investing to improve the airport infrastructure for the next 10 years; however, with the increase in air traffic the Brazilian airport infrastructure remains deficient.

Timetable: 2008-2009 and beyond

Buyers: Natal Airport, Goiania Airport, Curitiba Airport, Guarulhos Airport, Vitória Airport and Macapá Airport.

Project Value: Up to \$1 billion

Best U.S Sales Opportunities:

INFRAERO INVESTMENTS FOR 2008 -2009

Airport	Investment	US\$ million
Natal	Construction of a new international airport in São Gonçalo dos Amarantes.	50
Goiania	Acquisition of baggage X-rays, air traffic control equipment, radar systems, and passenger bridges.	122
Curitiba	Modernization of the tarmac area	60
Guarulhos	Construction of a third passenger terminal, expansion of aircraft tarmac area	560
Vitória	Construction of a new passenger terminal and tarmac area	200

Source Report:

-Name: Brazilian Government- Brazilian Airport Privatization

-Date: March 2008

-Web link: http://www.buyusainfo.net/docs/x_3451590.pdf

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Mexico:

Project Brief: The National Infrastructure Plan that President Calderon launched in July 2007 includes three new airports projects: Rivera Maya (near Tulum), Ensenada and Mar de Cortes, as well as other proposals, such as 31 expansion projects (including Toluca, Puebla, Cancun, San Jose del Cabo, Loreto, Nuevo Leon, Monterrey, Guadalajara and Puerto Vallarta) and one large project under new analysis: the Mexico City new airport that will require an estimated investment of \$4-5 billion. Of the \$5.5 billion in investment required by the aviation portion of the plan, over 45% is to come from the private sector and the remainder from the Mexican government.

Timetable: 2008-2012

Buyers: Three private airport groups manage 44 airports based on geographic areas: Aeropuertos del Sureste (ASUR), Grupo Aeroportuario del Pacifico (GAP), and Grupo Aeroportuario Centro Norte (OMA); 22 airports are operated by federal government

Project Value: \$ 5.5 billion

Best U.S Sales Opportunities:

- Remodeling services
- MRO and FBO services
- Ground support equipment
- Security systems
- Identification systems
- Access controls
- Luggage checking systems

- Luggage management solutions
- Design and planning services
- Construction services
- Turn Key Services

Report Source:

- Name: Mexico: Country Commercial Guide-Leading Sectors
- Date: June 2008
- Web link: http://www.buyusainfo.net/docs/x_6663558.pdf

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Middle East:

Jordan:

Project Brief: The three main airports in Jordan require upgrades and renovations. These are the Amman Marka International Airport (AMIA), the Aqaba International Airport (AIA), and the Queen Alia International Airport (QAIA). A three-year, \$300 million BOT construction project for a new terminal at the Queen Alia Airport has been awarded to the Alfa Consortium consisting of Aéroports de Paris (France), J&P (Cyprus), ADIC (UAE), Noor (Kuwait) and EDGO (Jordan).

Timetable: Between 2007 and 2010

Buyers: Queen Alia Airport (QAIA), Amman Marka International Airport (AMIA); communication and security equipment procured by Ministry of Transportation- Civil Aviation Authority; Alfa Consortium for QAIA airport construction.

Project Value: \$300 million (QAIA) with estimated \$150 million in equipment sales opportunities

Best U.S Sales Opportunities: Aviation surveillance/communication systems, aircraft maintenance equipment, improved security and baggage management equipment.

Report Source:

- Name: Jordan: Aerospace
- Date: July 2007
- Web link: http://www.buyusainfo.net/docs/x_4472388.pdf

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Kuwait:

Project Brief: Kuwait's Civil Authority is expanding and modernizing existing aviation infrastructure, and together with the government has developed plans for Kuwait's International Airport (KIA). Plans include a new passenger terminal, a cargo facility and associated navigation equipment, runways, taxiway, and aircraft parks. KIA has classified the airport projects into two categories. The first are government-funded projects, which include the development of air navigation facilities, runways, taxiways, apron as well as the necessary security and safety facilities. The second project category involves facilities that would be established and developed by the private sector. Those include the development of the passenger terminal, the cargo village, the aircraft maintenance facilities, as well as the general navigation facilities.

Timetable: 2005 – 2008 and beyond

Buyers: Director General of Civil Aviation (DGCA). The construction package “Package One” covers the runway, taxiway, aprons, and access roads at the airport. The consultant to the government for this contract is Beirut based Dar al – Handasah Consultants (Shair + Partners). Local firms prequalified for package one include: Combined Group Company, Ahmadiyah Contracting & Trading Company, Mushrif Trading & Contracting Company, Mohammed Abdulmohsin al-Kharafi & Sons, and Copri Construction Company.

Project Value: N/A

Best U.S Sales Opportunities: Air navigation facility, airport security, cargo transportation facility, passenger services, aircraft maintenance, construction material and civil aviation related products and services.

Report Source:

-Name: Aviation Industry in Kuwait

-Date: August, 10, 2008

-Web Link: http://www.buyusainfo.net/docs/x_9134210.pdf

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Saudi Arabia:

Project Brief: King Abdul Aziz International Airport (Jeddah) began modernization in 2001. The first phase of this project was awarded to Al-Mabani General Contractors Co. and is still underway. Other airports are currently being modernized.

Timetable: N/A

Buyers: King Abdul Aziz International Airport (Jeddah), Tabuk Regional Airport (Tabuk), King Abdullah Airport, GACA

Project Value: \$817 million contract to GACA for expansion and upgrades at King Abdul Aziz Airport

Best U.S Sales Opportunities: Buses, destination signs, automated transit systems, communication equipment, computerized control systems, paging systems, construction material, aircraft maintenance systems, signaling systems, uniforms, passenger information systems, fluid saving devices.

Report Source:

-Name: Kingdom of Saudi Arabia: Recent Developments in the Aviation Industry

-Date: June 2007

- Web link: http://www.buyusainfo.net/docs/x_6931720.pdf

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United Arab Emirates:

Project Brief: Of the six airports in UAE, three (Abu Dhabi, Dubai and Fujeirah) have current upgrade and expansion plans and a new airport in Dubai (Jebel Ali) is being developed. These expansions are being fueled by strong demand for increased passenger and cargo capacity.

Timetable: N/A

Buyers: Sharjah International Airport, Abu Dhabi Airport, Dubai international Airport, Jebel Ali Airport, and Fujairah Airport

Project Value: Approximately US \$12 billion

Best U.S Sales Opportunities:

Abu Dhabi International Airport:

- New runway and taxi way
- Satellite terminal building for 18 new aircraft parking stands
- 150-room airport hotel with a 9-hole golf course
- Expanded cargo facilities
- Extension of the existing airport hotel

Dubai International Airport:

- New terminal
- New concourse with 28 departure gates and 62 parking bays
- New hotel with increased and updated luxuries
- New cargo terminal
- Expansion of existing apron, taxiways, and concourse, with parking for 27 additional wide-bodied aircrafts
- Infrastructure and support facility expansion drainage, sewerage and storm-water disposal
- Ground handling facilities
- Civil aviation engineering complex
- Expanded fuel tank farm

Fujairah Airport:

- Expansion of terminal
- New baggage conveyor belts
- Flight information display monitors
- Catering equipment and kitchen equipment
- 60 passenger apron/ramp buses
- Catering and freight facility
- Upgraded navigation system

Report Source:

-Name: United Arab Emirates: Airport Projects Development

-Date: April 2006

- Web link: www.export.gov

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Comments and Suggestions: We welcome your comments and suggestions regarding this market research. You can e-mail us your comments/suggestions to: Customer.Care@mail.doc.gov. Please include the name of the applicable market research in your e-mail. We greatly appreciate your feedback.

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