

AIRPORT DEVELOPMENT NEWS

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AFRICA

Mozambique: ADM – Aeroportos de Moçambique E.P., the national airports company, **has granted a USD 75 million contract to China's Anhui Foreign Economic Construction Corporation (AFECC) to modernize and expand Maputo International Airport**. The document was signed in April 2009 by ADM Chief Executive Officer Manuel Veterano and AFECC Deputy Chairman Jiang Zhaoyao. AFECC is also involved in work to expand and modernize Vilanculos Airport, a project located in southern Mozambique and estimated to cost USD 15 million. Speaking after the signing ceremony, Jiang assured the Mozambican authorities that the work will be completed before the beginning of the football World Cup, to be held in neighbouring South Africa in 2010. He admitted, however, that "time is very short, and the work is very hard." But he added that "we will do all in our power to meet the established deadlines. We will work in our style, day and night, in a spirit of hard work."

Veterano said that **the Maputo project**, to be financed by a loan from China's Exim Bank, **includes a new international passenger terminal and apron, expansion and renovation of the existing terminal exclusively for domestic travel, a new control tower, creation of a duty-free shopping area, and building a VIP lounge and the respective access roads and carpark**. Construction work will begin in May 2009 and is scheduled for completion by June 2010, in time to be ready for the 2010 FIFA World Cup. -- Works were originally started in April 2007: The first phase was the building of a new USD 6.7 million cargo terminal. This has already been completed and was financed by ADM with its own money. Maputo Airport was opened in the 1960s and designed to deal with 60 000 passengers per year, but now accommodates over 600 000 travellers annually. This has led to some security problems due to people crossing paths in the arrival and departure process. The new plan seeks to increase passenger handling to 900 000 annually, and there will be space for expansion to about 3 million passengers in the future.

Congo-Brazzaville: At Brazzaville's Maya-Maya airport, Egis Avia designs the renovation of the existing movement areas, a new runway and its related taxiways, and the extension of the military and commercial aprons. SGENC-Congo (Vinci group), who signed with the 'Délégation générale des Grands Travaux' of the Congo (sponsor) a 'design and build' contract, sub-contracted to Egis Avia the design part, aiming at refurbishing the airport's movement areas and building a new runway. While maintaining the former runway in operation, the project includes a 3300 x 45 meter new runway within the current airport limits and the associated taxiway and taxi lane. In order to increase the airport's availability and performances, this Egis Avia project includes the dimensioning of the Cat. 1 ILS platforms (glideslope and localiser) for this new runway. Additionally, a new military parking area and the associated taxiway will also be constructed. Such area is designed to accommodate ten parking stands for Mi24, Mi8, Mi 17 helicopters as well as two modular stands for B.747-400 or an Il-76 cargo aircraft.

The increased runway capacity required an extension of the commercial apron area to a surface of 196 000 m² as well as the marking of the new aeronautical areas. For a better optimization of operations, Egis Avia handles this part in close co-ordination with the new terminal building project, designed by a Chinese company. Following the new design by Egis Avia, this area will have a total capacity of 21 parking stands, accommodating ICAO code B to code F aircraft.

WESTERN ASIA

Palestine: Italy, a member of the Group of Eight (G8) nations, unveiled a plan for the West Bank during the organization's summit in Italy in April 2009, which included a proposal for an international airport. Italian Premier Silvio Berlusconi says the Palestinian economy would be boosted by building an international airport and hotels, catering to religious tourists in the West Bank. The plan foresees construction of an international airport able to attract the many tourists interested in visiting the Christian holy sites, including Bethlehem, Jericho, Hebron, Qumran, and the Dead Sea. -- There are no civilian airports within the West Bank, and the nearest major airport is in Tel Aviv.

Kuwait: Emir Sheikh Sabah al-Ahmad al-Jaber al-Sabah has confirmed that the country's Ministry of Public Works has entered into talks with a number of international companies, with a view to choosing a company to design and build a new passenger terminal building for Kuwait International Airport. The Ministry says that the new building will raise capacity from 7 million passengers per year up to 20 million passengers.

United Arab Emirates: The local contractor ALEC (Al Jaber Engineering & Contracting), a subsidiary of Abu Dhabi-based Al Jaber Group, has been awarded an AED 4.3 billion (USD 1.17 billion) contract to build Concourse 3 at Dubai International Airport. The Dubai Department of Civil Aviation initially awarded the contract to the the Al Habtoor Murray & Roberts Takenaka Joint Venture in December 2008, but the consortium withdrew from the project in April 2009, citing the parties' "inability to conclude an acceptable contract". The main contract package had now been awarded to ALEC, the Dubai Aviation City Corporation (DACC), the holding company for Dubai's aviation entities, said. The concourse would increase passenger handling capacity at Dubai International Airport to 68 million a year, according to the DACC. Concourse 3 will be solely dedicated to Emirates' airline operations, with 18 out of 20 gates designed to accommodate the

carrier's Airbus A380 double-decker aircraft. -- Emirates has ordered 58 A380s, the world's largest passenger aircraft.

EUROPE

Greece: The Greek Minister of Environment, Town Planning & Public Works plans to issue an international tender for a new international airport in Kastelli, 35 km from Herklion Airport. The cost of the new hub on the island of Crete, to be built under a BOOT (build, own, operate, transfer) agreement, is estimated to be EUR 1.2 billion. The airport, auxiliary facilities and infrastructure will cover an area of 600 hectares, including a 3800-m runway to accommodate large aircraft. An additional area of 22 hectares is also reserved for commercial activities. The aim is to have the airport operational by 2014.

Germany: The European Commission has decided not to raise any objections to German authorities giving financial support to a project developing the Kassel-Calden airfield into a regional airport for scheduled, charter, commercial, and cargo traffic. The airport will receive EUR 114 million (USD 152.7 million) from Land Hessen, City of Kassel, District of Kassel, and the Municipality of Calden to support the development programme, which will make the region of North Hessen, south-east Lower Saxony, and Thuringia more easily accessible. The Commission decided to approve the measure because it is not prejudicial to the common interest as it is necessary and proportionate to reach objectives of Community interest. **The development project includes the extension of an existing runway to 2500 m and extending associated taxiways and aprons, a terminal for handling incoming and outgoing passengers and other necessary buildings and technical facilities.** The revamped airport, which is expected to start operations in 2011, will also be able to take flights away from Frankfurt Airport, which may face capacity and night flight restrictions in the future. -- Legal action by residents, neighbouring municipalities, and BUND (the German section of Friends of the Earth International) against the expansion project was dismissed by the Leipzig-based Federal Administrative Court in early April 2009.

Spain: AENA is investing EUR 28.2 million (USD 37.8 million) at Pamplona Airport to triple its capacity by 2010. The project includes a new passenger terminal with a surface area of 12 400 m² (with a technical block), a new 20 m high control tower, an extension of the apron to accommodate three A320-type aircraft and five regional aircraft, and adding 114 spaces to the public carpark. The runway will be lengthened by 200 m to 2407 m and the runway ends will be widened to allow the turning of B.757s and MD-88s. -- Pamplona handled 434 062 passengers in 2008.

LATIN AMERICA & CARIBBEAN

Venezuela: President Hugo Chávez signed a decree to create national port and airport authorities on 25 March 2009. Bolivariana de Aeropuertos will be in charge of managing airports nationwide. The initiative came after Congress passed a law on 21 March calling for the centralization of the country's ports, commercial airports, and national highways. These facilities are now to be maintained and improved by the national government. The initiative is reportedly part of the country's efforts to increase control in order to combat corruption and reduce drug and arms trafficking, among other practices. Chávez also created the public service entity Corporación Socialista, which will oversee all state-controlled and transport-related firms in the country and will depend on the Public Works & Housing Ministry.

Costa Rica: The Houston Airport System Development Corporation (HASDC) was the only bidder for a 20-year concession to upgrade and manage the country's second busiest airport, 'Daniel Oduber Quirós International Airport', serving the town of Liberia on the Pacific coast. A new terminal for 400 000 passengers annually has to be built as part of the concession contract. Construction could start in summer 2009, with completion expected in February 2010.

Puerto Rico: San Juan's 'Luis Muñoz Marín Airport', having the largest traffic volume in the Caribbean with 10.4 million passengers a year, is being remodelled at an estimated cost of USD 400 million which will be completed by the year 2011. The Governor of Puerto Rico, Anibal Acevedo Vilá, pointed out that a second runway, opened in late 2008, and the new Terminal A, currently being completed, are the most important projects carried out at the airport in an effort to continue being a leader in the Caribbean. The new runway is 2400 m long and 46 m wide, while the existing one is 3050 m long and 61 m wide. The new terminal building represents an investment of USD 107 million and is expected to become the most modern in the Caribbean.-- Luis Muñoz Marín Airport operates some 600 flights a day and connects the country with other destinations across Europe, America, and the Caribbean.

NORTH AMERICA

Canada: Edmonton International Airport (EIA) is continuing its CAD 1 billion (USD 810.3 million) expansion to ensure that it can keep pace with Edmonton and North-Western Canada's economic development. EIA was substantially renovated in 2000, is presently operating 20% above capacity. The terminal was built to accommodate 5.5 million passengers a year but 2008 saw nearly 6.5 million passengers use its facilities. New technologies have helped maximise terminal efficiency, thus extending the current airport's design capacity. **The 'Expansion 2012' project includes the addition of more gates and new, efficient airline technologies.** The expanded terminal will also include many amenities including restaurants, shops and services for travellers. The project is funded by the Airport

Improvement Fee (AIF), which is collected with airline tickets for departing passengers. On 1 September 2009, the AIF will increase to CAD 20 per ticket.

Canadian airports are non-share corporations. Since industry de-regulation in 1992, Canadian airports stopped receiving tax monies for major facility upgrades or operational requirements and have, therefore, been solely responsible for funding these projects. President and CEO of Edmonton Airports, Reg Milley, said: "Our efforts to keep the AIF fixed at CAD15 per passenger paid off for nearly seven years. Now, in light of the global recession and lower-than-predicted passenger growth in our domestic sector, we need to raise the AIF to fund EIA's expansion."

U.S.A.: Key West International Airport in Florida has unveiled a new terminal building to serve departing passengers. The new terminal is part of a USD 31.6 million construction and renovation project that will more than double the size of the previous airport. The new building measures about 3000 m² and features second-level check-in desks, baggage and security areas for departing passengers and concessions. A restaurant with huge windows offers runway views. Parking spaces for 300 vehicles, including 150 for rental cars, are beneath the building. Peter Horton, Monroe County's Director of Airports, said: "It's going to give not just those who live here, but the many thousands of visitors to Key West the luxury of space and amenities. It really has brought this airport into the 21st century." -- Renovations to the existing 1957 airport building, scheduled for completion in June 2009, are the final step in the airport project. Ultimately the 2400-m² original building will feature a passenger arrival and baggage claim area with rental-car counters, toilets, and a baggage service office, a 200-seat departure lounge with toilets and a 160-seat restaurant and tavern. The airport will remain fully operational throughout the construction project. About 450 000 passengers arrive and depart Key West International Airport annually.

ASIA-PACIFIC

Myanmar: The country's military government is constructing an international airport in the administrative capital, Naypyidaw ('Royal City'). Work began on the Nay Pyi Taw International Airport project in January 2009 by the privately-owned company Asia World, which also constructed Yangon International Airport. The new airport in the remote city will be built in three stages. Officials said that after the first phase is completed, the airport will be able to cope with 3.5 million passengers a year; after the third phase, this will rise to 10.5 million passengers. The project will take an estimated 30 months to complete, said Singapore-based CPG Consultants Pte Ltd, which drew up the blueprints. Nay Lin, project director of Asia World, said: "The design of Nay Pyi Taw International Airport is modern and passengers can enter the airport easily and comfortably. The airport will be equipped with all necessary modern equipment and facilities that an international airport should have." -- On 6 November 2005, the administrative capital of Burma was officially moved to a greenfield site about 320 km north of Yangon. Naypyidaw has a small domestic airport 16 km southeast of the city.

Malaysia: Senai Airport Terminal Services (SATS) has developed a comprehensive 20-year Master Plan to transform Senai International Airport and its surrounding to a world-class airport city comprising transportation, logistics, commercial, retail, and tourist developments. These developments include - for completion by 2010 - a new taxiway, the expansion of the passenger and cargo aprons, expansion of airport terminal to accommodate 5 million passengers annually, development of a Customs, Immigration & Quarantine (CIQ) Clearance Complex, the Senai Logistics Park, an Ornamental Fish Regional Distribution & Trade Centre, a Floriculture Regional Distribution & Trade Centre, an Aircraft Regional Parts & Distribution Centre, and an Aviation Training Centre. In the 2011-2023 period, the Senai Logistics Hub, a maintenance, repair and overhaul centre, and an oil and gas supply base warehouse will be added.

Philippines: Officials at Laguindingan Airport, the first international gateway to Northern Mindanao, expect to see construction reach 50% completion by the end of 2009. They predict construction will be complete by mid-2010. "We are even ahead of the accelerated target," Misamis Oriental Governor Oscar Moreno said. The new airport has an estimated cost of USD 167 million and is targeted to be fully commissioned on 17 January 2012. Moreno said that, based on the completion rate of the project, the case pending before the Court of Appeals regarding the remaining contested areas covered by the airport project has not really affected its construction. The threat of the tribal war by an indigenous people's group affected by the airport project has not deterred Korean contractor Hanjin Heavy Industries & Construction from full-time construction. -- **The airport project is funded by a loan from the South Korean government** under the Economic Development Co-operation Fund totalling USD 106.73 million, with the remainder of funds coming from the Philippine government.

New Zealand: Christchurch Airport's new terminal development will start in May 2009 and will be largely complete before the 2011 Rugby World Cup, setting new standards for quality and efficiency, Christchurch International Airport Ltd (CIAL) said. "We are pleased to announce that our Board yesterday [6 April 2009] approved the commencement of the project, and appointed construction company Hawkins Construction Ltd as the main building contractor," said CIAL's acting Chief Executive Jim Boulton. Hawkins will commence on site in late June 2009, and bring substantial airport experience to the project, having successfully completed several development projects at Auckland International Airport. The company is also currently constructing the Airways Air Traffic Control tower at Christchurch Airport. Quin Henderson, Southern Regional Manager for Hawkins, said that his team were looking forward to applying their substantial knowledge to this project. "We are thrilled to be awarded this significant contract, and we fully understand the challenges of building in an operational airport environment, where the convenience and safety of those using the area is our utmost concern," he said. Mr Boulton acknowledged that the development project had been subject to a number of

delays, but said that the project completion date had now been brought forward by seven months due to some innovative construction staging proposed by Hawkins.

"The first major stage of the new terminal, a new domestic and international check-in hall on the ground floor with a retail and dining precinct on the first floor, will be operational by January 2011. From there, we start work on the demolition of the existing domestic terminal, and construction of the balance of the new terminal, and for this stage, we are looking at a completion date of mid-2012," said Mr Boulton. During construction, large enclosed walkways will allow seamless and undisturbed access between the new and existing parts of the terminal, and will cater to the peak passenger demands expected during the Rugby World Cup in 2011. This will be one of the largest construction projects the South Island has ever seen. "When finished, this new terminal will set new standards for quality and efficiency, and will quickly advance the South Island's position as New Zealand's tourism gateway," Mr Boulton said. **Timeline:** 19 May 2009 - Closure of terminal road; drop off zone moves to carpark building; site hoarding installed; new building footprint cleared for construction; Late June 2009: Hawkins starts construction of terminal; January 2011: New check in hall opens; June 2012: Opening of new terminal. Some airside works will continue on the apron.

Approx. U.S. dollar exchange rates as of 7 May 2009 (Yahoo Currency Converter)

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